

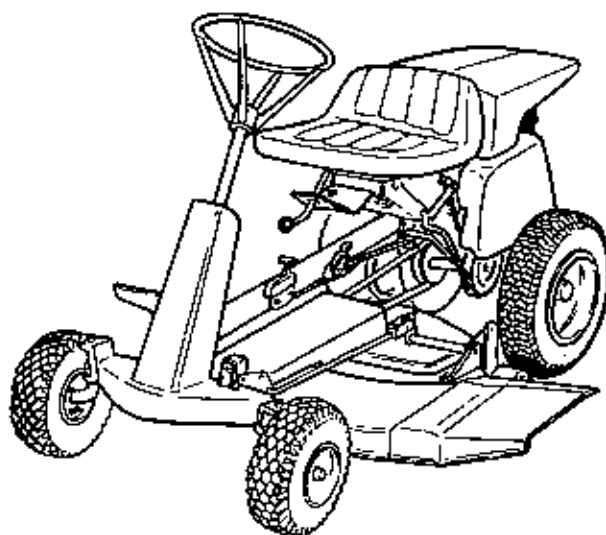
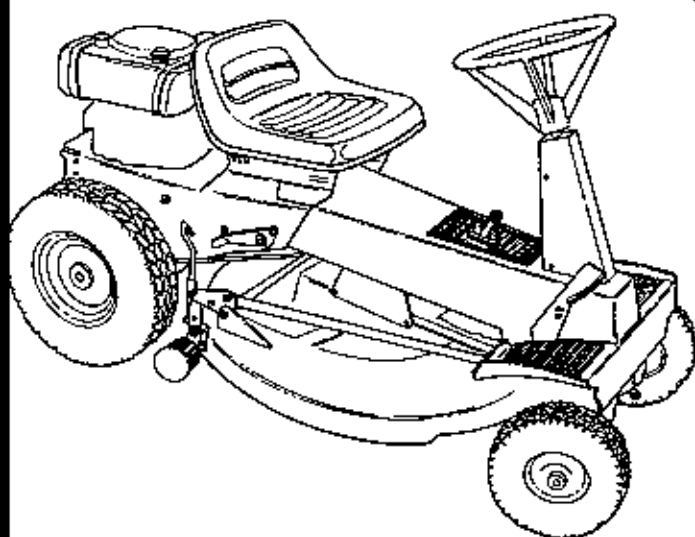
Simplicity
AN ALLIS-CHALMERS COMPANY

PARTS MANUAL

REAR ENGINE RIDERS

(Includes 1965 - 1979)

Volumes 1 and 2



Attention Dealers:

This manual contains parts information for Rear Engine Riders and Attachments from model year 1965 thru 1979. When referring to this parts manual keep in mind the manufacturing number and serial number of the product.

When using the Table of Contents refer to the combination manufacturing number in the far left column to assure finding the correct page number and grouping. All manufacturing numbers noted through the book will refer to the combination numbers. The manufacturing numbers of a particular rider or mower will be listed below the combination number on the table of contents page.

A standard hardware torque chart is included on the inside back cover of this manual. Any individual or special torque on later models will be called out near its particular part.

Simplicity
Technical Publications

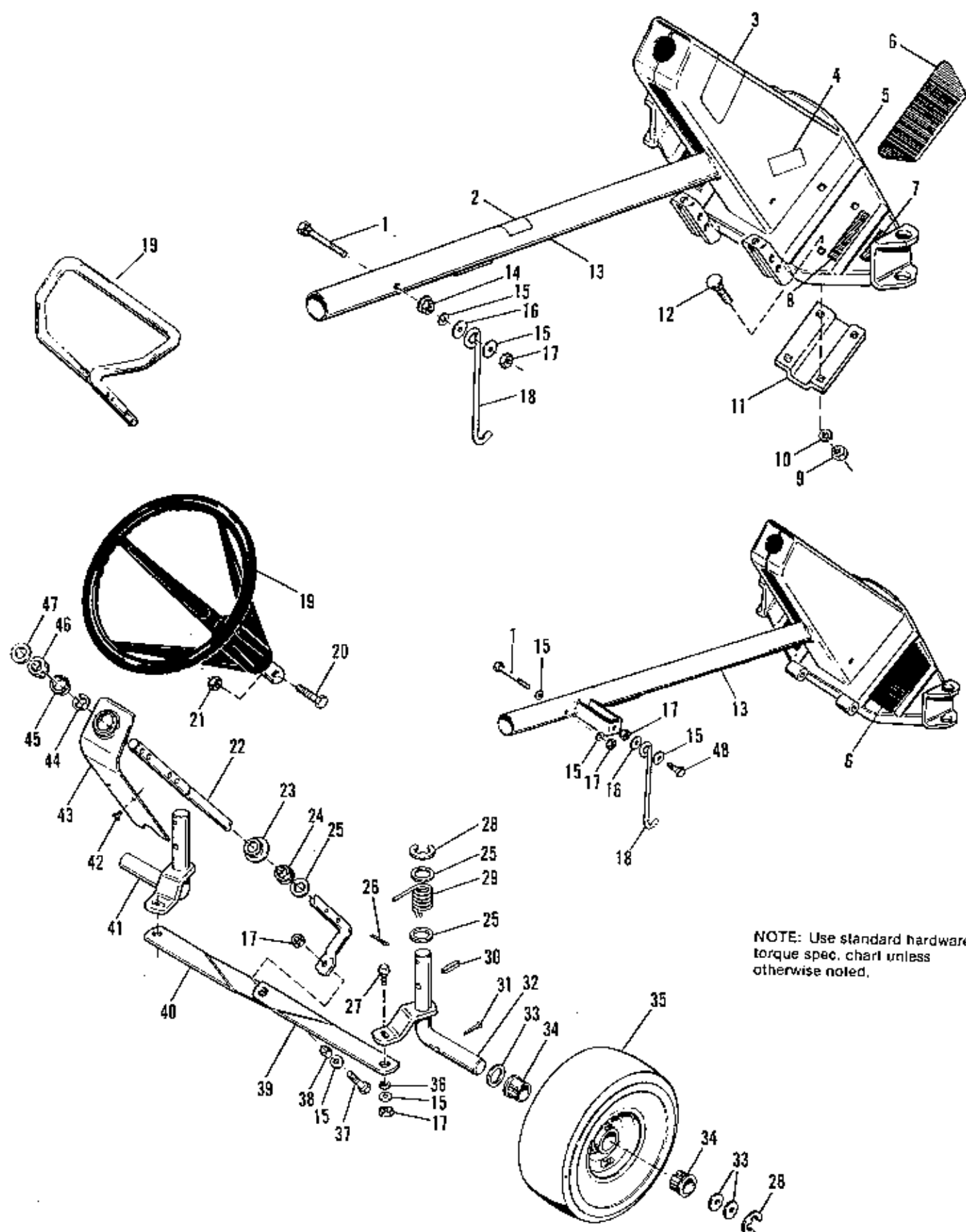
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990774	315 Wonderboy Rider w/26" Rotary Mower 990845 315 Wonderboy Rider, Manual 990847 26" Rotary Mower	2	6	14	20						26					
990614	355 Wonderboy Rider w/28" Rotary Mower 990556 355 Wonderboy Rider 990557 28" Rotary Mower	2	6	14	20						28	34	40			
990554	305 Wonderboy Rider w/24" Rotary Mower 990493 305 Wonderboy Rider 990541 24" Rotary Mower	2	6	14	20						30	38				
990391	404 Wonderboy Rider w/24" Rotary Mower 990390 404 Wonderboy Rider 990358 24" Rotary Mower	2	10	16	20						30	38	40			
990357	401 Wonderboy Rider 990358 24" Rotary Mower	2	10	16	20						30	38	40			
990332	606 Wonderboy Special 990333 32" Rotary Mower	4	12	18	22	24					32	36				
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VOLUME ONE OF TWO

VOLUME TWO OF TWO

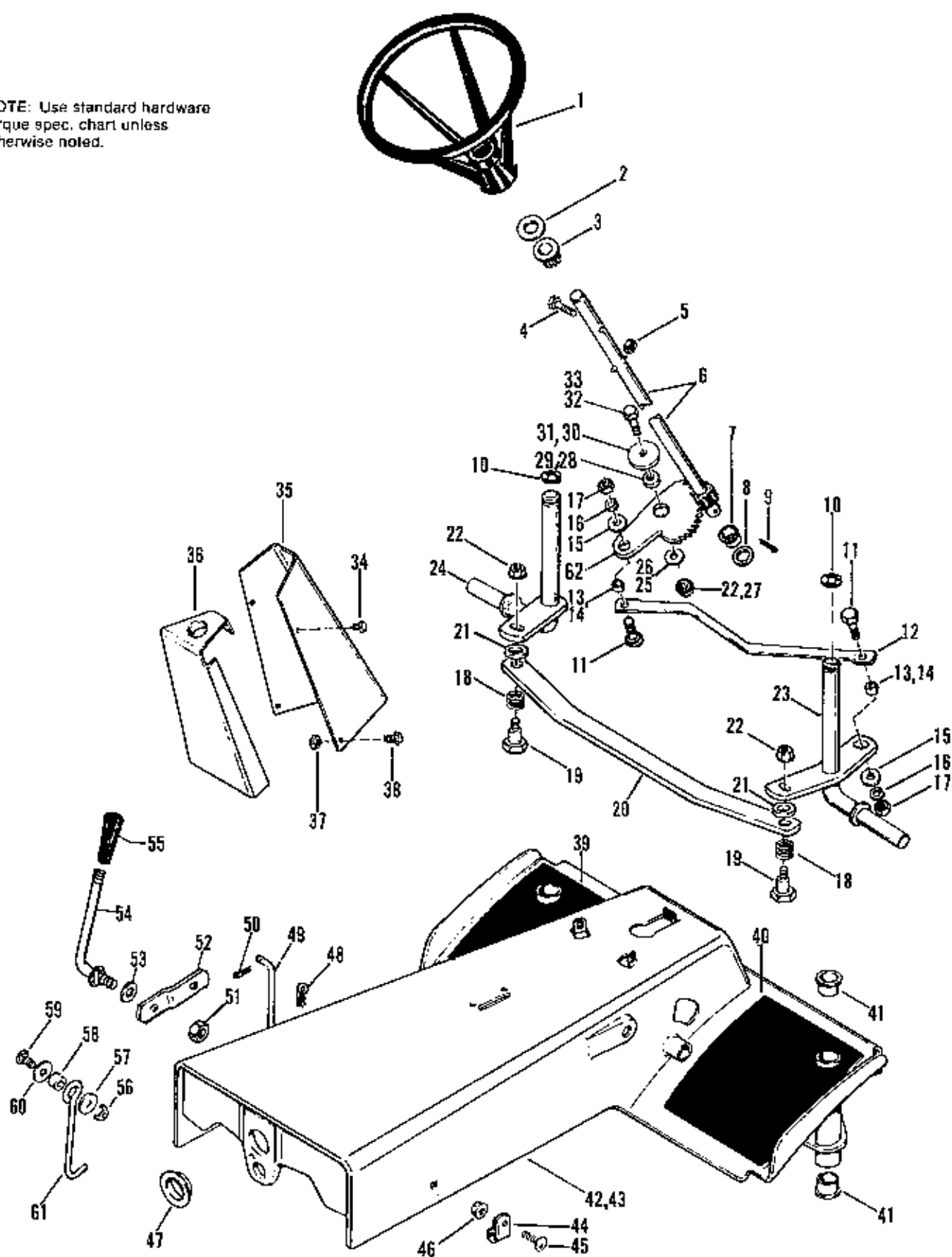


Ref. No.	Part No.	Qty.	Description
1	922918	1	CAPSCREW, Hex Hd., 3/8-16 x 3-1/4
	922589	1	BOLT, Carriage, 3/8-16 x 3-1/2 (Used on 1690240, 1690242)
2	177078	1	DECAL, Parking Brake
3	1657106	1	DECAL, Steering Column
4	174924	1	DECAL, Instruction
5	106718	1	DECAL, Simplicity
*6	158428	2	PADS, Foot Rest, LH & RH
7	1609454	2	PAD, Pedal (Used on 1690242)
8	162098	2	PAD, Pedal (Used on 1690242)
9	916950	8	NUT, Hex, Full, 3/8-16 (Used on 1690128, 1690242)
10	916965	8	LOCKWASHER, 3/8 (Used on 1690128, 1690242)
11	1609426	2	HITCH ASSY., Mower (Used on 1690128, 1690242)
12	923232	8	BOLT, Carriage, 3/8-16 x 1 (Used on 1690128, 1690242)
13	1609448	1	FRAME & AXLE ASSY., Front
	176428	1	FRAME & AXLE ASSY., Front (Used on 990900)
	1608952	1	FRAME & AXLE ASSY., Front (Used on 991020)
14	930646	1	NUT, Flange, 3/8-16 (Used on 1690240, 1690242)
15	917378	7	WASHER, Plain, 3/8
16	159134	1	WASHER, Special
17	930651	4	LOCKNUT, Hex, 3/8-16
18	176709	1	HOOK
19	176501	1	WHEEL, Steering (Used on 1690240, 1690242)
	158574	1	HANDLE, Steering
**20	921221	2	CAPSCREW, Hex Hd., 5/16-18 x 1-1/2
**21	923362	2	LOCKNUT, Hex, 5/16-18
22	1608948	1	STEERING, Shaft
23	158012	1	CUP, Steering Shaft
24	159026	1	BUSHING
25	108181	5	WASHER
26	919430	2	PIN, Cotter, 3/16 x 1-1/4
27	928728	2	SCREW, Hex, Whizlock, Flange, 3/8-16 x 1
28	927794	4	RING, E
29	121011	2	SPRING, Torsion
30	925362	2	PIN, Roll, 5/16 Dia. x 1-1/4
31	919314	2	PIN, Cotter, 3/16 x 1-1/4
32	1656411	1	SPINDLE ASSY., R.H.
33	101022	6	WASHER
34	156316	4	BEARING, Relief (For service)
35	1608379	2	WHEEL & TIRE ASSY., Front
36	153081	2	SPACER
37	921969	1	CAPSCREW, Hex Hd., 3/8-16 x 1-1/2
38	158227	1	SPACER
39	158226	1	LINK, Steering, R.H.
40	158225	1	LINK, Steering, L.H.
41	1656410	1	SPINDLE ASSY., L.H.
42	929477	2	SCREW, Hex, Washer Hd., Tapfile, #10-24 x 1/2
43	158215	1	CUP, Steering
44	157241	1	RING, Snap
45	158222	1	CUP, Steering Bushing
46	157077	1	BUSHING
47	158223	1	WASHER, Nylon

*Used on Mfg. No. 990900, 991020, 1690124, 1690128, 1690240.

**Qty. 1 required to secure steering wheel; Qty. 2 required to secure steering handle.

NOTE: Use standard hardware torque spec. chart unless otherwise noted.



Front Frame & Steering Group

Simplicity

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Ref. No.	Part No.	Qty.	Description
1	176501	1	WHEEL, Steering
2	158223	1	WASHER
3	157077	1	BUSHING
4	921977	1	CAPSCREW, Hex Hd., 5/16-18 x 1-1/4
5	923362	1	LOCKNUT, Hex, 5/16-18
6	175613	1	SHAFT ASSY., Steering
7	176444	1	BUSHING
8	121210	1	WASHER
9	918453	1	PIN, Cotter, 1/8 x 1-1/4
10	927794	2	RING, Retaining
11	920415	2	CAPSCREW, Hex Hd., 3/8-16 x 1-1/4
12	175876	1	LINK, Drag
13	175648	2	BUSHING (Used on 990963)
14	154177	2	BUSHING
15	917642	2	WASHER, Plain, 5/16
16	916965	2	LOCKWASHER, 3/8
17	916960	2	NUT, Hex, Full, 3/8-16
18	158578	2	SPRING
19	108412	2	BOLT, Shoulder
20	176711	1	ROD, Tie
21	917642	2	WASHER, Plain, 5/16
22	930645	3	NUT, Flange, 3/8-16 (Qty. 2 used on 1690012)
23	175654	1	SPINDLE, R.H.
24	175651	1	SPINDLE, L.H.
25	8161199	1	WASHER (Used on 990963)
26	178490	1	WASHER
27	930650	1	NUT, Flange, 7/16-14
28	176500	1	BUSHING
29	154177	1	BUSHING
30	172908	1	WASHER (Used on 990963)
31	178489	1	WASHER
32	928726	1	CAPSCREW, Hex Hd., 3/8-16 x 1-1/4 (Used on 990963)
33	923471	1	CAPSCREW, Hex Hd., 7/16-14 x 1-1/4
34	922122	3	SCREW, Self Tapping, #10 x 1/2
35	176389	1	SUPPORT, Steering
36	176391	1	PANEL, Rear
37	926022	3	NUT, Retainer
38	930594	3	SCREW, Hex, Whizlock, Flange, 1/4-20 x 3/4
39	176809	1	PAD, Foot, L.H.
40	176810	1	PAD, Foot, R.H.
41	176440	4	BUSHING
42	175452	1	FRAME ASSY., Front
43	1650421	1	FRAME ASSY., Front
44	122186	1	CLAMP
45	923700	1	BOLT, Carriage, 5/16-18 x 1/2
46	929001	1	NUT, Flange, 5/16-18
47	176441	2	BUSHING, Pivot
48	106787	1	CLIP, Hair Pin
49	1650139	1	ROD
50	922000	1	PIN, Cotter, 3/32 x 5/8
51	930645	1	NUT, Flange, 3/8-16
52	1650145	1	ARM, Lift
53	101025	1	WASHER
54	172040	1	HANDLE
55	1650149	1	KNOB
56	929001	1	NUT, Flange, 5/16-18 (Used on 990963)
57	154026	1	WASHER (Used on 990963)
58	154177	1	SPACER (Used on 990963)
59	920563	1	BOLT, Carriage, 5/16-18 x 1 (Used on 990963)
60	159107	1	WASHER (Used on 990963)
61	176858	1	HOOK (Used on 990963)
62	175617	1	GEAR, Steering

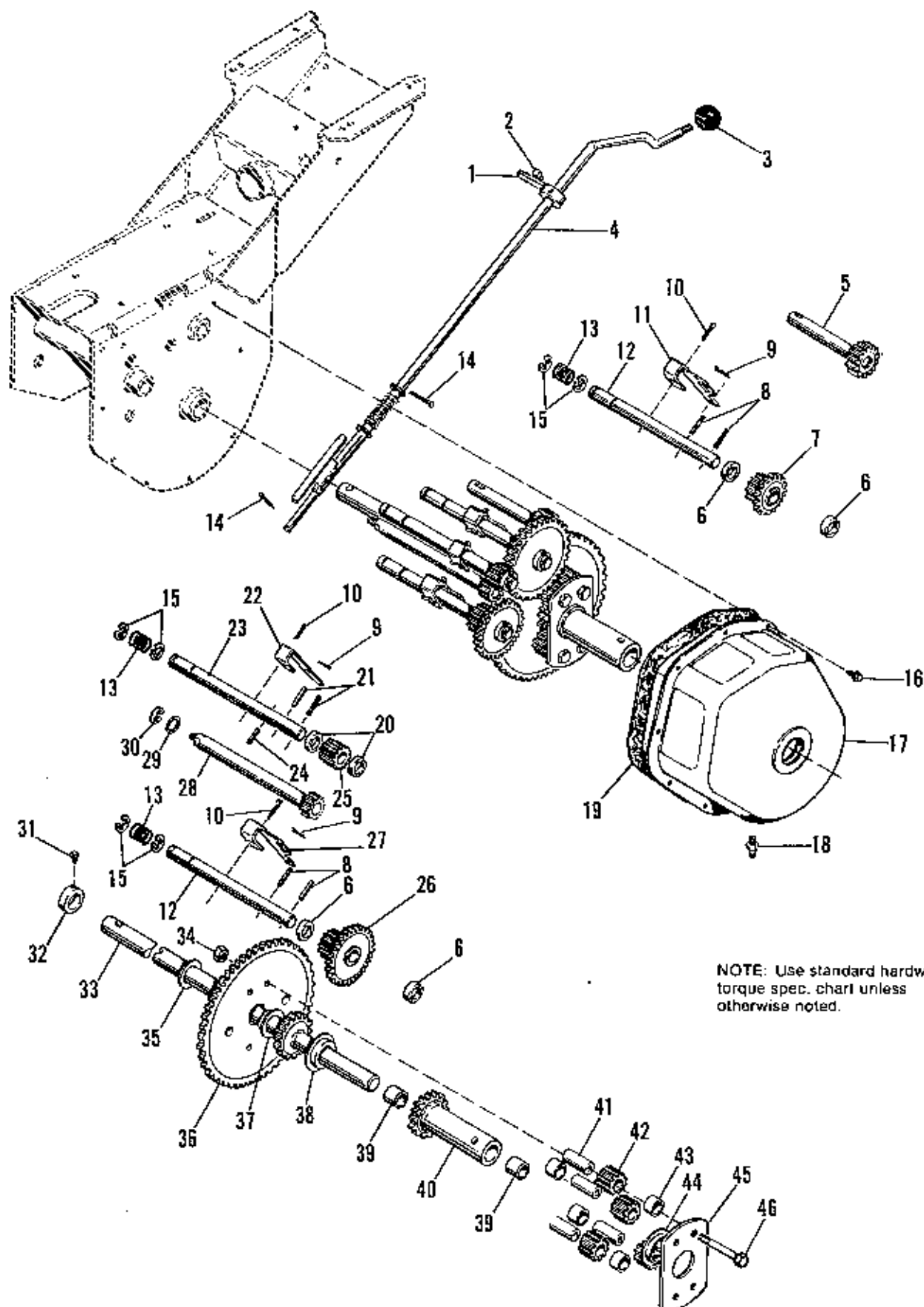
*Used on Mfg. No. 990998, 991000 & 1690012.

**Used on Mfg. No. 1690012.

***Used on Mfg. No. 990998 & 991000.

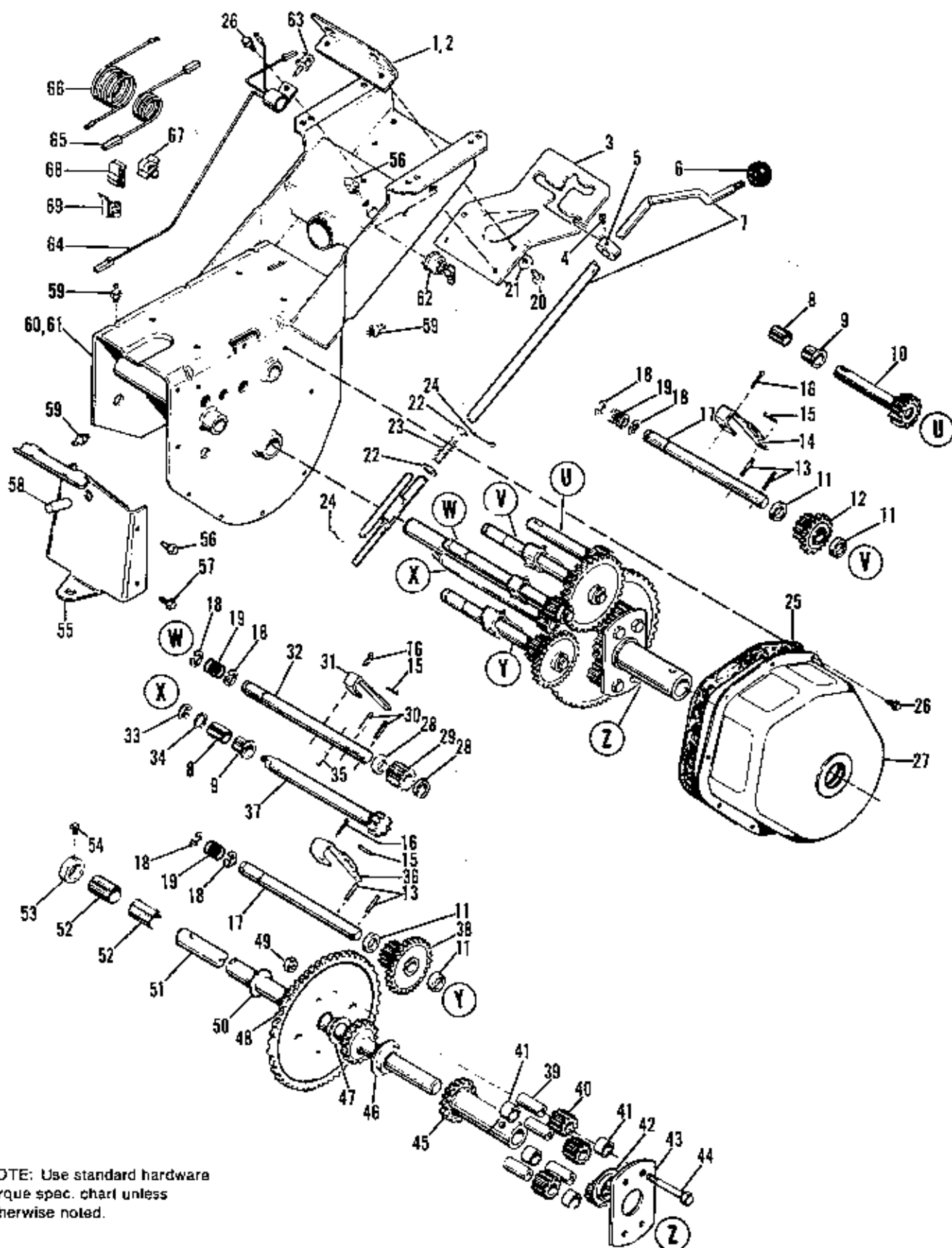
****Used on Mfg. No. 990963, 990998 & 991000.

*****Used on Mfg. No. 990963 & 1690012.



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Ref. No.	Part No.	Qty.	Description
1	176419	1	LEVER ASSY.
2	928721	1	SETSCREW, 5/16-18 x 1/2
3	8021050	1	BALL, Knob
4	176438	1	ROD ASSY., Shift
5	158548	1	SHAFT & GEAR ASSY.
6	158561	4	COLLAR, Thrust
7	158542	1	GEAR & BEARING ASSY.
8	918111	4	PIN, Spring, 1/8 x 1
9	918447	3	PIN, Cotter, 3/32 x 3/4
10	919314	3	PIN, Cotter, 3/16 x 1-1/4
11	158535	1	LINK, Shift, Hi
12	158541	2	SHAFT, Intermediate
13	158578	3	SPRING
14	918452	2	PIN, Cotter, 1/8 x 1
15	1602155	6	RING, Retaining
16	927428	9	SCREW, Hex, Washer Hd., Tapite, 1/4-20 x 3/8
17	158521	1	CASE ASSY., Gear
18	928724	1	FITTING, Grease
19	158524	1	GASKET, Gear Case
20	158562	2	COLLAR, Thrust
21	916188	2	PIN, Spring, 1/4 x 3/4
22	158564	1	LINK, Shift, Reverse
23	158534	1	SHAFT, Reverse
24	921450	1	PIN, Spring, 5/32 x 1
25	158557	1	PINION, Reverse
26	158570	1	GEAR & BEARING ASSY.
27	158563	1	LINK, Shift, Lo
28	106944	1	SHAFT & GEAR ASSY.
29	153079	1	WASHER
30	153124	1	RING, Retaining
31	928709	1	SETSCREW, 5/16-18 x 3/8
32	158357	1	COLLAR, Set
33	158352	1	AXLE ASSY., L.H.
34	930651	4	LOCKNUT, Hex, 3/8-16
35	118252	1	WASHER, Special
36	158530	1	GEAR, Drive
37	158356	1	BUSHING
38	158358	1	CUP, Thrust
39	158363	2	BUSHING
40	158359	1	AXLE & BUSHING ASSY.
41	121083	4	SPACER
42	158579	4	PINION, Diff.
43	121084	4	SPACER, Diff.
44	158385	1	BUSHING
45	158364	1	PLATE, Diff
46	921972	4	CAPSCREW, Hex Hd., 3/8-16 x 2-1/2



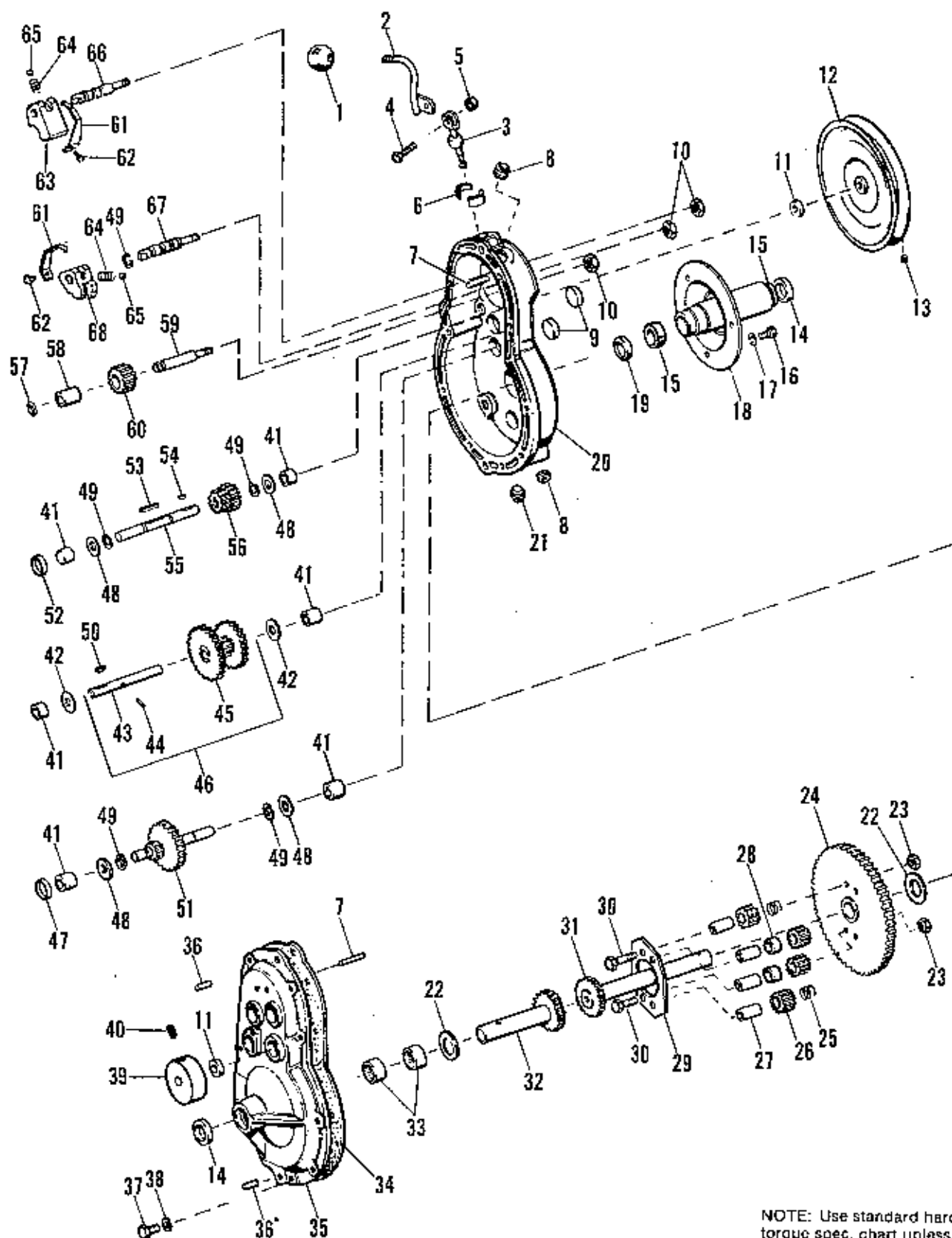
NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Ref. No.	Part No.	Qty.	Description
*1	176421	1	GUIDE, Shift Rod
**2	1609280	1	GUIDE, Shift Rod
3	172923	1	PLATE, Shift Pattern
4	928721	1	SETSCREW, 5/16-18 x 1/2
5	176419	1	LEVER ASSY.
6	8021050	1	BALL
7	176438	1	ROD ASSY., Shift
8	156084	2	BEARING, Bronze
9	158569	2	BEARING, Bronze
10	158548	1	SHAFT ASSY., Brake
11	158561	4	COLLAR, Thrust
12	158542	1	GEAR & BEARING ASSY.
13	918111	4	PIN, Roll, 1/8 Dia. x 1
14	158535	1	LINK, Shift, Hi
15	918447	3	PIN, Cotter, 3/32 x 3/4
16	919314	3	PIN, Cotter, 3/16 x 1-1/4
17	158541	2	SHAFT, Intermediate
18	1602155	6	RING, E
19	158578	3	SPRING
20	827429	4	SCREW, Hex, Tapite, 1/4-20 x 5/8
21	917377	4	WASHER, Plain, 1/4
22	8051056	2	WASHER, Special
23	158578	1	SPRING
24	918452	2	PIN, cotter, 1/8 x 1
25	158524	1	GASKET
26	927428	10	SCREW, Hex, Tapite, 1/4-20 x 3/8 (Qty. 8 used on 1690124 & 1690128)
27	158521	1	GEAR CASE ASSY.
28	158562	2	COLLAR, Thrust
29	158557	1	PINION, Reverse
30	918168	2	PIN, Roll, 1/8 x 3/4
31	158564	1	LINK, Shift, Reverse
32	158534	1	SHAFT, Reverse
33	153124	1	RING, Retaining
34	153079	1	WASHER
35	821450	1	PIN, Roll, 5/32 Dia. x 1
36	158563	1	LINK, Shift, Lo
37	106944	1	GEAR & SHAFT ASSY.
38	158570	1	GEAR & BEARING ASSY.
39	121083	4	SPINDLE, Pinion
40	158579	4	PINION
41	121084	4	SPACER, Pinion
42	158365	1	BUSHING
43	158364	1	PLATE
44	921972	4	CAPSCREW, Hex Hd., 3/8-16 x 2-1/2
45	158359	1	AXLE ASSY., R.H., w/Bushing
46	158358	1	CUP, Thrust
47	158356	1	BUSHING
48	158530	1	GEAR, Drive
49	830651	4	LOCKNUT, Hex, 3/8-16
50	118252	1	WASHER
51	158352	1	SHAFT, Axle, L.H.
52	158337	2	BUSHING
53	158357	1	COLLAR, Set
54	928709	1	SETSCREW, 5/16-18 x 3/8
***55	1808938	1	PLATE, Hitch
***56	924856	3	SCREW, Hex, Tapite, 5/16-18 x 1/2
***57	925003	1	SCREW, Hex, Washer Hd., 1/4-20 x 1/2
***58	901496	1	NIPPLE, Pipe
59	912808	3	FITTING, Grease
60	1611074	1	FRAME ASSY. (Used on 990900)
61	1586740	1	FRAME ASSY. (Used on 991020, 1690124, 1690128)
*62	122218	1	KEY, Switch, Ignition
*63	1809279	1	SWITCH
*64	176479	1	INTERLOCK, Ignition
*65	176481	1	WIRE
*66	176480	1	WIRE
*67	176675	1	CLIP, Speed, Cable
*68	176701	1	CLIP, Speed, Cable
*69	176687	1	CLIP, Speed, Cable

*Used on Mfg. No. 990900 & 991020.

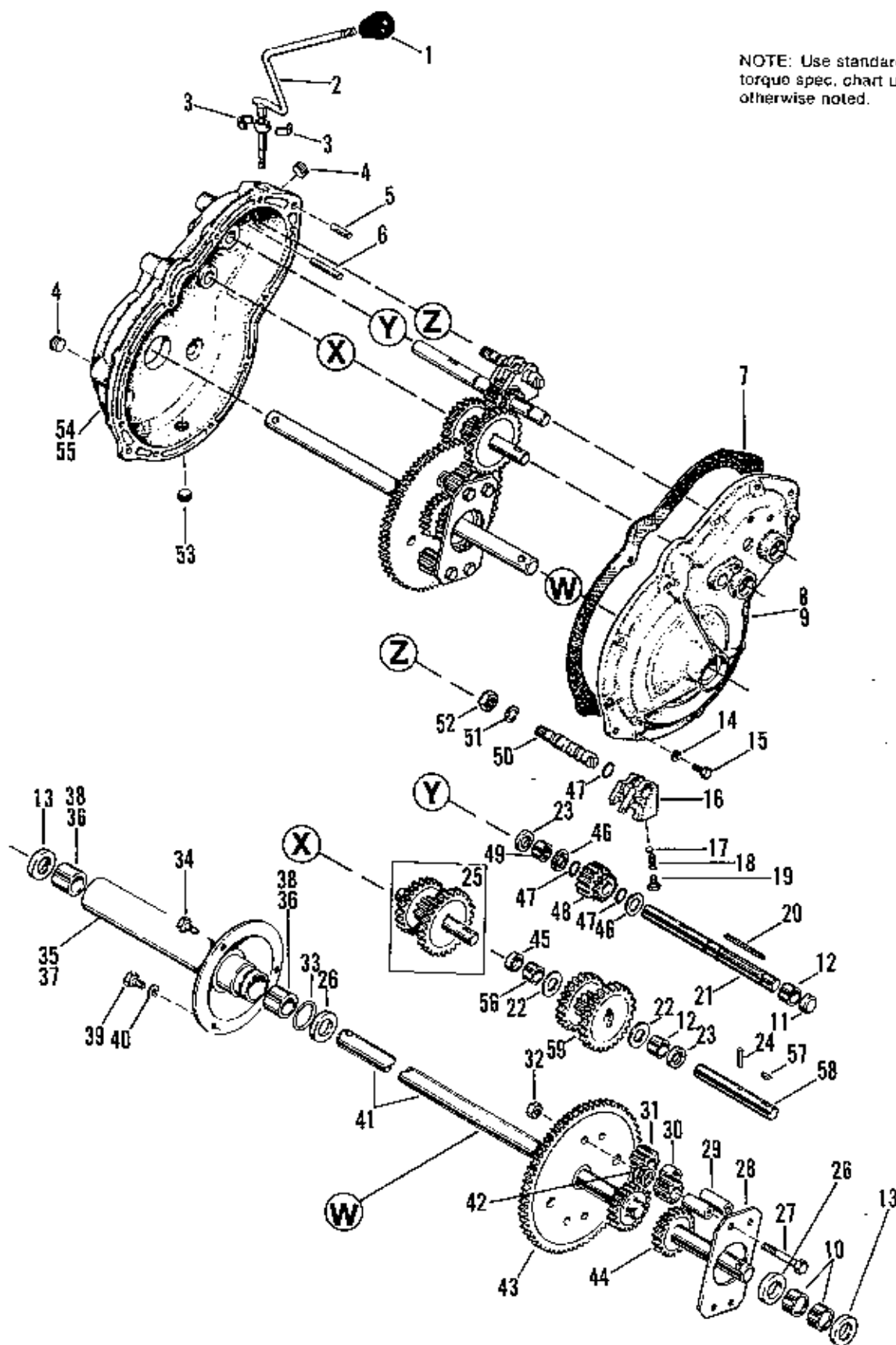
**Used on Mfg. No. 1690124 & 1690128.

***Used on Mfg. No. 1690128.



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Ref. No.	Part No.	Qty.	Description
1	8021050	1	KNOB, Ball
2	1650323	1	LEVER ASSY., Shift
3	156031	1	ROD ASSY., Shift
4	823341	1	CAPSCREW, Hex Hd., 1/4-20 x 3/4
5	923358	1	LOCKNUT, Hex, 1/4-20
6	101042	2	BUSHING, Half
7	158308	2	PIN ASSY., Roll
8	930676	2	PLUG, Pipe
9	163050	2	PLUG, Expansion
10	918213	3	NUT, Hex, Full, 7/16-14
11	156084	2	SEAL, Oil
12	106214	1	PULLEY, Drive
13	929277	1	SETSCREW, 3/8-16 x 3/8
14	163012	2	SEAL, Oil
15	1657807	2	BUSHING
16	921966	3	CAPSCREW, Hex Hd., 3/8-16 x 7/8
17	916965	3	LOCKWASHER, 3/8
18	177811	1	HOUSING ASSY., Axle
19	156099	1	SEAL, Oil
20	163094	1	CASE ASSY., Gear
21	901653	1	PLUG, Pipe
22	175311	2	WASHER
23	930651	4	LOCKNUT, Hex, 3/8-16
24	175328	1	GEAR ASSY., Drive
25	162085	2	SPRING
26	158579	4	PINION, Diff.
27	121083	4	SPINDLE, Diff.
28	121084	4	SPACER, Diff.
29	156002	1	PLATE, Diff.
30	921972	4	CAPSCREW, Hex Hd., 3/8-16 x 2-1/2
31	175312	1	SHAFT ASSY., Axle, R.H.
32	175314	1	SHAFT ASSY., Axle, L.H.
33	105195	2	BEARING, Roller
34	156103	1	GASKET
35	1650433	1	COVER ASSY., Gear Case
36	918113	2	PIN, Roll, 3/8 x 1
37	821977	10	CAPSCREW, Hex Hd., 5/16-18 x 1-1/4
38	917356	10	LOCKWASHER, 5/16
39	165067	1	DRUM, Brake
40	930654	1	SETSCREW, 5/16-18 x 5/16
41	163022	6	BUSHING
42	156089	2	WASHER
43	165010	1	SHAFT, Brake
44	156292	1	PIN, Dowel
45	165011	1	CLUSTER ASSY., Gear
46	165009	1	SHAFT & GEAR ASSY.
47	163050	1	PLUG, Expansion
48	156085	4	WASHER
49	8061048	5	RING, Retaining
50	930669	1	KEY, 5/32 x 5/8 Dia.
51	165013	1	GEAR & SHAFT ASSY.
52	163074	1	PLUG, Expansion
53	170453	1	KEY
54	905123	1	KEY, 3/16 x 3/4
55	1650233	1	SHAFT, Pulley
56	156087	1	PINION ASSY., Hi-Lo
57	165008	1	RING, O
58	156082	1	BEARING, Roller
59	165005	1	SHAFT, Reverse, Pinion
60	1650825	1	PINION, Reverse
61	1657658	2	SPRING
62	930614	2	SCREW, Hex, Washer Hd., 5/16-18 x 5/16
63	171364	1	FORK, Shift, I & II
64	171456	2	SPRING
65	154262	2	BALL
66	171372	1	SHAFT, Shift, Hi-Lo
67	171365	1	SHAFT, Shift, Reverse-Lo
68	171363	1	FORK, Shift, Reverse



Transmission Group

Simplicity

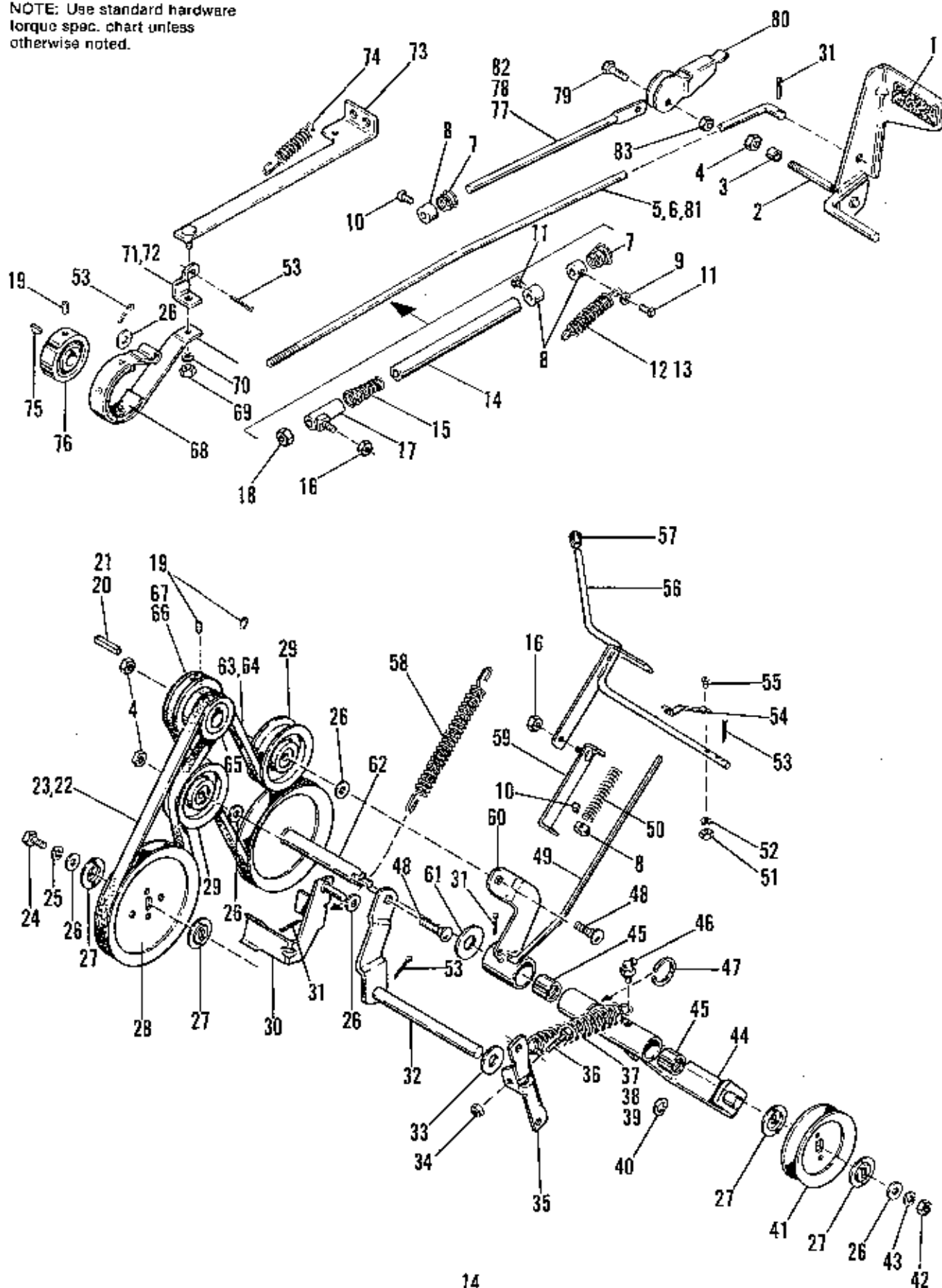
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Ref. No.	Part No.	Qty.	Description
1	172038	1	KNOB
2	176819	1	ROD ASSY., Shift
3	101042	2	BUSHING, Ball, Half
4	930676	2	PLUG, Pipe
5	918113	2	PIN, Roll, 3/8 Dia. x 1
6	917904	1	PIN, Roll, 5/16 Dia. x 3
7	156103	1	GASKET
8	1652526	1	COVER ASSY., Gear Case
9	1650306	1	COVER, Gear Case
10	1657807	2	BUSHING
11	163074	1	PLUG, Expansion
12	163022	2	BUSHING
13	163012	2	SEAL, Oil
14	917356	10	LOCKWASHER, 5/16
15	921977	10	CAPSCREW, Hex Hd., 5/16-18 x 1-1/4
16	171364	1	FORK, Shift, Hi-Lo
17	905359	1	BALL
18	171456	1	SPRING
19	930614	1	CAPSCREW, Hex Hd., 5/16-18 x 5/16
20	170453	1	KEY
21	175270	1	SHAFT, Pulley
22	156089	2	WASHER
23	156084	2	SEAL, Oil
24	156292	1	PIN, Dowel
25	165009	1	SHAFT & GEAR ASSY.
26	175311	2	WASHER
27	921972	4	CAPSCREW, Hex Hd., 3/8-16 x 2-1/2
28	156002	1	PLATE, Diff.
29	121083	4	SPINDLE
30	121084	4	SPACER
31	158579	4	PINION
32	930651	4	LOCKNUT, Hex, 3/8-16
33	156099	1	SEAL, Oil
34	161130	1	CAPSCREW, Special
*35	175305	1	HOUSING ASSY., Axle
36	1657807	2	BUSHING
**37	177811	1	HOUSING ASSY., Axle
38	1657807	2	BUSHING
39	919357	2	CAPSCREW, Hex Hd., 3/8-16 x 7/8
40	916965	2	LOCKWASHER, 3/8
41	175314	1	AXLE ASSY., L.H.
42	162085	2	SPRING
43	175328	1	GEAR ASSY., Drive
44	175312	1	AXLE ASSY., R.H.
45	163050	1	PLUG, Expansion
46	156085	2	WASHER
47	8061048	3	RING, Retaining
48	156087	1	PINION ASSY., Hi-Lo
49	156072	1	BEARING
50	165004	1	SHAFT, Shift, Reverse, Lo
51	918199	1	LOCKWASHER, 7/16
52	918213	1	NUT, Hex, Full, 7/16-14
53	901653	1	PLUG, Pipe
54	175329	1	GEAR CASE ASSY.
55	175330	1	CASE, Gear
56	163022	1	BUSHING
57	910224	1	KEY, Woodruff, 5/32 x 5/8
58	165010	1	SHAFT, Brake
59	165011	1	CLUSTER ASSY., Gear

*Used on Mfg. No. 990963.

**Used on Mfg. No. 990998 & 991000.

NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.



Belts & Pulleys Group

Simplicity

2/80

Ref. No.	Part No.	Qty.	Description
1	162098	1	PAD, Pedal
2	158604	1	PEDAL ASSY., Foot
3	1608657	1	SPACER
4	930651	3	LOCKNUT, Hex, 3/8-16
**5	158575	1	ROD, Clutch
***6	1608951	1	ROD, Clutch
7	153010	2	SPRING
8	8191022	4	COLLAR, Set
9	916955	1	WASHER, Plain, 3/16
10	928804	2	SETSCREW, 1/4-20 x 3/8
11	930539	2	SETSCREW, 1/4-20 x 5/8
*12	159159	1	SPRING
****13	118495	1	SPRING
14	172179	1	SPACER
15	157041	1	SPRING
16	923362	2	LOCKNUT, Hex, 5/16-18
17	156303	1	GUIDE ASSY., Rod
18	924433	1	LOCKNUT, Elastic, 5/16-18
19	928691	3	SETSCREW, 5/16-18 x 5/16
20	8221042	1	KEY
21	172668	1	KEY (Used on 1690128)
*22	158573	1	BELT, V
***23	1608954	1	BELT, V
24	923325	1	CAPSCREW, Hex Hd., 5/16-18 x 7/8
25	917356	1	LOCKWASHER, 5/16
26	917642	6	WASHER, Plain, 5/16
27	158378	4	WASHER, Special
28	158377	1	PULLEY
29	154534	2	PULLEY, Idler
30	176587	1	BRAKE ASSY., P.T.O.
31	918448	3	PIN, Cotter, 3/32 x 1
32	158537	1	ARM ASSY., Idler
33	918430	1	WASHER, Plain, 7/16
34	923358	1	LOCKNUT, Hex, 1/4-20
35	158536	1	LEVER, Brake & Clutch
36	921960	1	CAPSCREW, Hex Hd., 1/4-20 x 1
*37	1608395	1	SPRING
38	154369	1	SPRING (Used on 1690124 & 1690240)
39	16909257	1	SPRING (Used on 1690128 & 1690242)
40	158399	1	RING, Retaining
41	1609004	1	PULLEY
42	916950	1	NUT, Hex, Full, 3/8-16

*Used on Mfg. No. 990900, 991020, 1690124, 1690240.

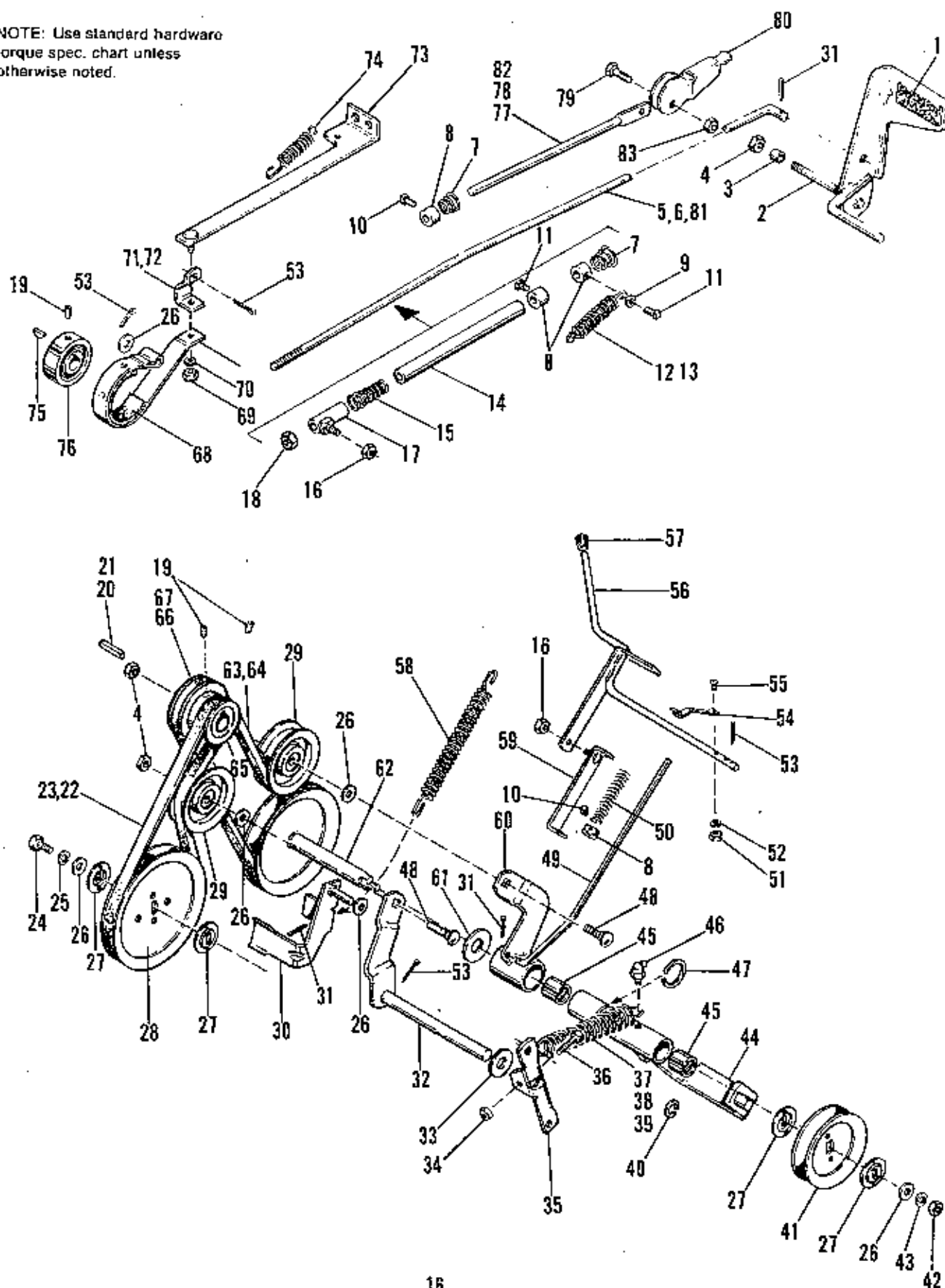
**Used on Mfg. No. 990900 & 1690124.

***Used on Mfg. No. 991020, 1690128 & 1690242.

****Used on Mfg. No. 1690124, 1690128, 1690240 & 1690242.

NOTE: Parts Ref. No. 43-83 are continued on the following page.

NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.



Ref. No.	Part No.	Qty.	Description
43	916965	1	LOCKWASHER, 3/8
44	1611127	1	HOUSING ASSY.
45	108054	2	BEARING, Needle
46	915019	1	FITTING, Grease
47	158396	1	RING, Retaining
48	922249	2	BOLT, Carriage, 3/8-16 x 1
49	158609	1	ROD, Clutch
50	163103	1	SPRING
*51	917415	1	NUT, Hex, Mach. #10-32
*52	909055	1	LOCKWASHER, #10
53	918452	4	PIN, Cotter, 1/8 x 1 (Qty. 3 used on 1690128)
*54	176414	1	SPRING, Clip
*55	930494	1	SCREW, Mach., #10-32 x 3/4
56	176427	1	HANDLE ASSY., Control
57	158437	1	KNOB
58	175290	1	SPRING
59	158406	1	GUIDE ASSY., Rod
60	158461	1	LEVER ASSY., Idler
61	119018	1	WASHER
62	158630	1	SHAFT ASSY., Pulley
**63	121398	1	BELT, V
***64	1608960	1	BELT, V
**65	158498	1	PULLEY, Transmission Drive
**66	176584	1	PULLEY, Engine
***67	1609451	1	PULLEY, Engine
68	158552	1	BAND ASSY., Brake
69	916622	1	NUT, Hex, Full, 1/4-20
70	916964	1	LOCKWASHER, 1/4
*71	158555	1	LEVER, Brake
****72	1609261	1	LEVER, Brake
73	176429	1	GUIDE ASSY., Brake
74	153121	1	SPRING
75	930669	1	KEY, 5/32 x 5/8
76	165067	1	DRUM, Brake
77	176431	1	ROD, Brake
78	1609442	1	ROD, Brake (Used on 1690128)
79	921959	1	CAPSCREW, Hex Hd., 1/4-20 x 5/8
80	176425	1	LEVER
81	1608951	1	ROD, Clutch (Used on 1690242)
82	1609442	1	ROD, Brake (Used on 1690242)
83	923358	1	LOCKNUT, Hex, 1/4-20

*Used on Mfg. No. 990900 & 991020.

**Used on Mfg. No. 990900, 1690124 & 1690240.

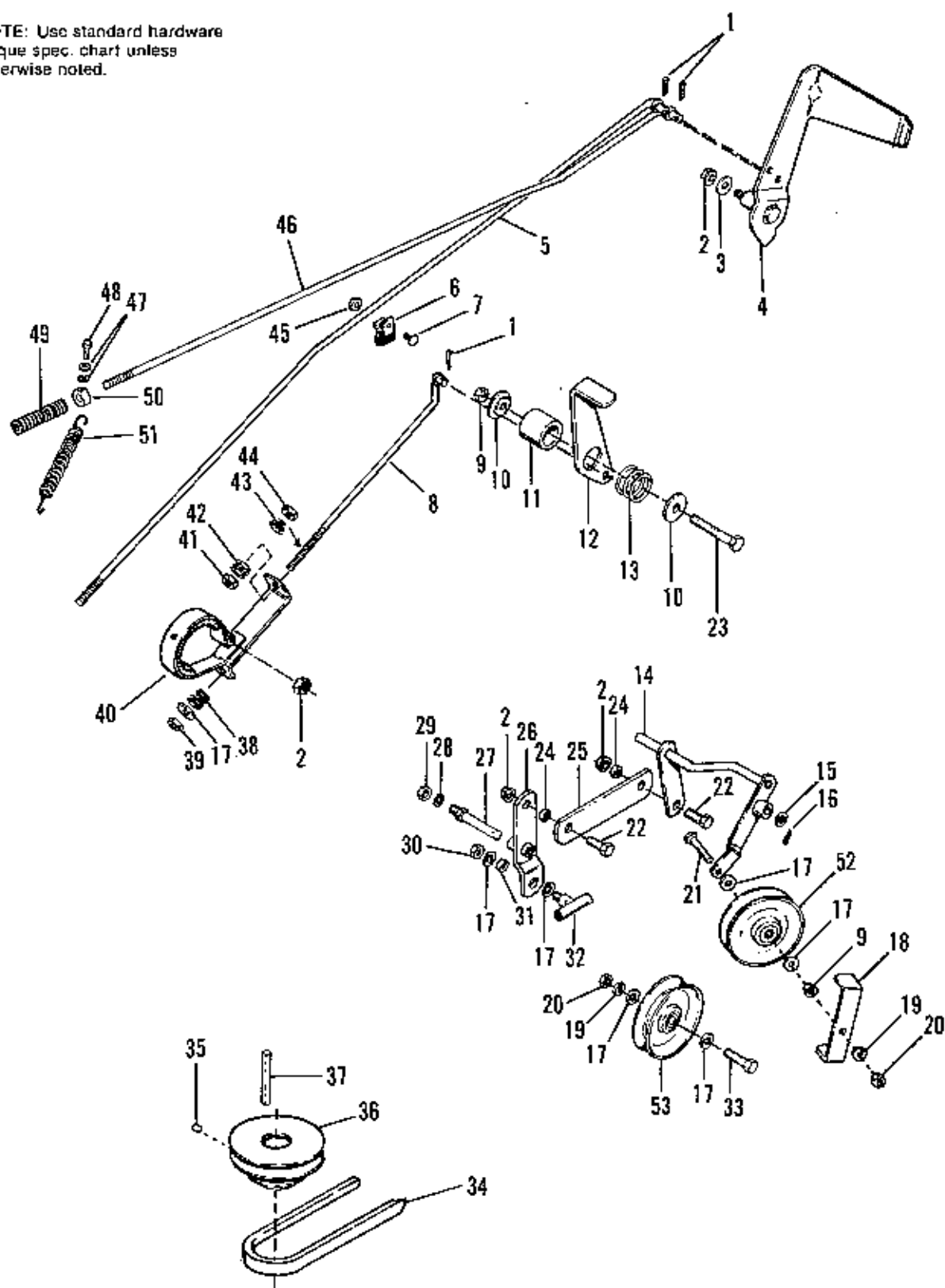
***Used on Mfg. No. 991020, 1690128 & 1690242.

****Used on Mfg. No. 1690124, 1690128, 1690240 & 1690242.

See Engine Group for pulleys used with 1690240 & 1690242.

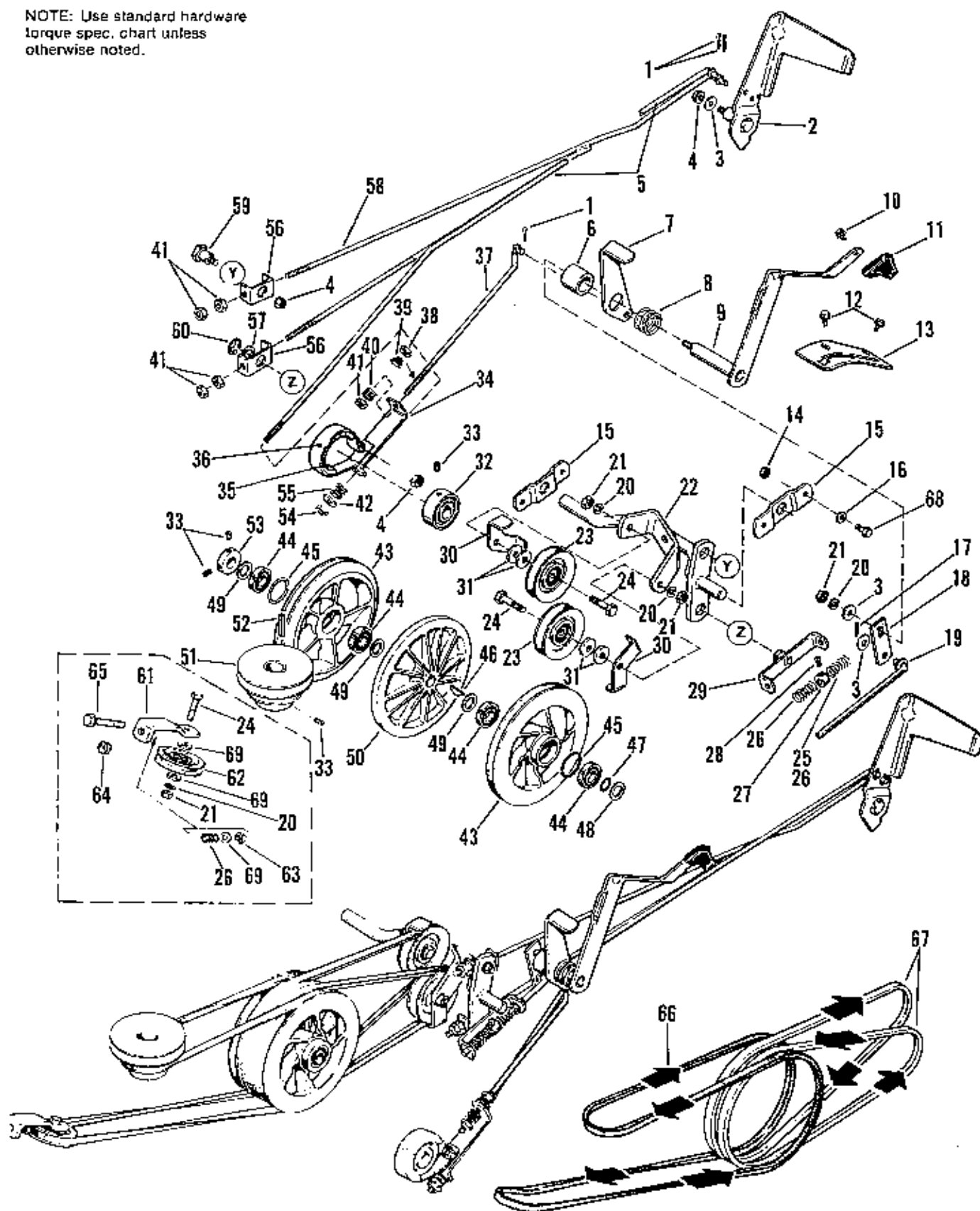
NOTE: Parts Ref. No. 1-42 are found on preceding page.

NOTE: Use standard hardware torque spec. chart unless otherwise noted.



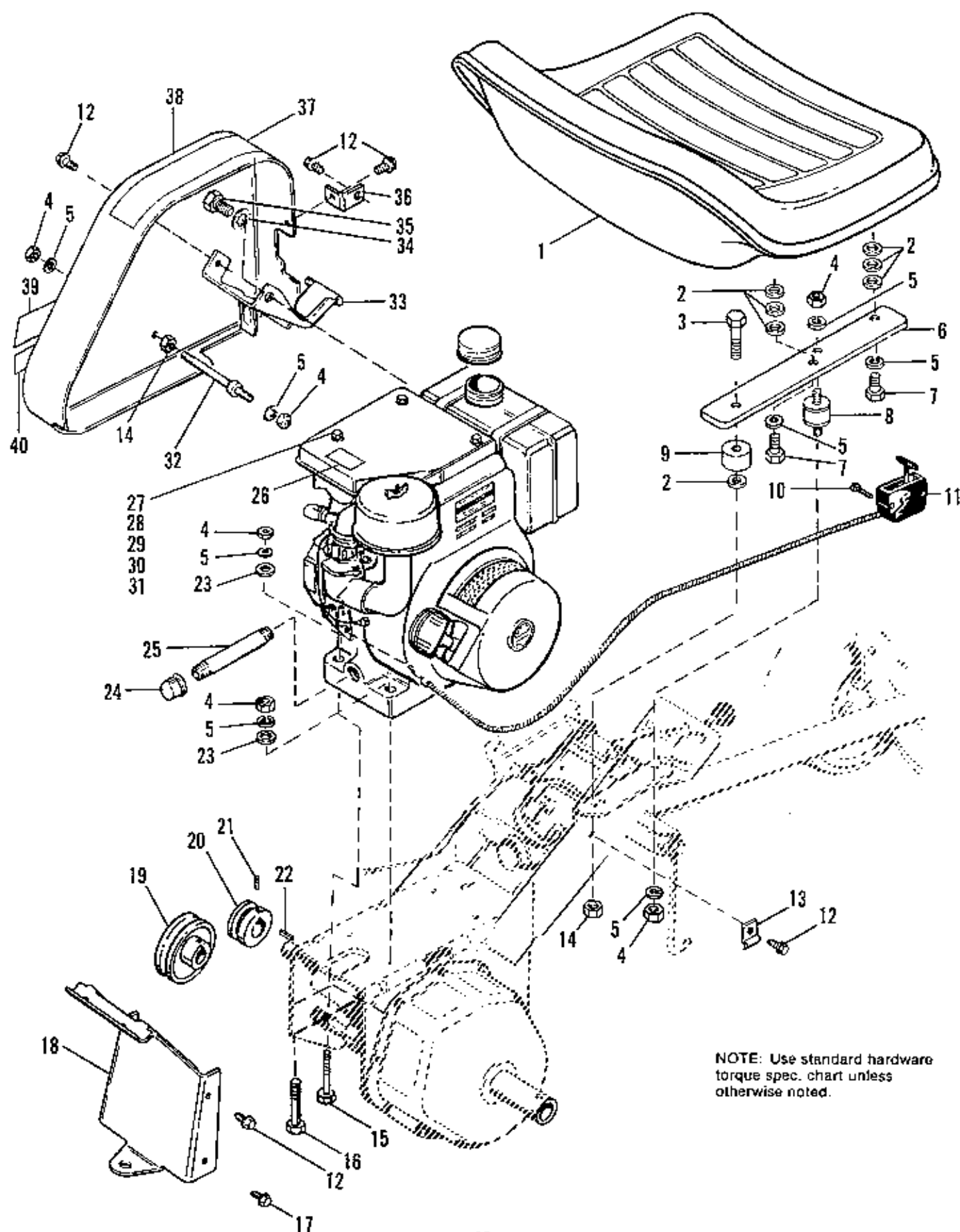
Ref. No.	Part No.	Qty.	Description
1	918447	3	PIN, Cotter, 3/32 x 3/4
2	930645	4	LOCKNUT, Flange, 3/8-16
3	917378	1	WASHER, Plain, 3/8
4	1651126	1	PEDAL ASSY., Foot
5	176669	1	ROD, Brake
6	122186	1	CLAMP
7	923700	1	BOLT, Rd. Hd., 5/16-18 x 1/2
8	176864	1	ROD, Parking Brake
9	930651	2	LOCKNUT, Hex, 3/8-16
10	1650434	2	WASHER, Special
11	176865	1	HUB
12	176866	1	LEVER
13	153093	1	SPRING
14	1650319	1	ARM ASSY., Idler
15	153072	1	WASHER
16	918452	1	PIN, Cotter, 1/8 x 1
17	917642	7	WASHER, Plain, 5/16
18	1651545	1	GUIDE, Belt
19	916965	2	LOCKWASHER, 3/8
20	916950	2	NUT, Hex, Full, 3/8-16
21	1651074	1	CAPSCREW, Hex
22	921966	2	CAPSCREW, Hex Hd., 3/8-16 x 7/8
23	921973	1	CAPSCREW, Hex Hd., 3/8-16 x 2-3/4
24	153081	2	SPACER
25	1650559	1	ARM, Pivot
26	1650561	1	PIVOT ASSY., Arm
27	1657368	1	STUD
28	918199	1	LOCKWASHER, 7/16
29	918213	1	NUT, Hex, Full, 7/16-14
30	928698	1	LOCKNUT, Jam, 5/16-18
31	156150	1	SPACER
32	164094	1	GUIDE ASSY., Rod
33	920415	1	CAPSCREW, Hex Hd., 3/8-16 x 1-1/4
34	1651201	1	BELT, V
35	928691	1	SETSCREW, 5/16-18 x 5/16
36	1650229	1	PULLEY, Engine
37	159129	1	KEY
38	162085	1	SPRING
39	923362	1	LOCKNUT, Hex, 5/16-18
40	176638	1	BAND ASSY., Brake
41	917372	1	NUT, Hex, Full, 5/16-18
42	8191047	1	SPRING
43	153010	1	SPRING
44	924433	1	LOCKNUT, Elastic, 5/16-18
45	929001	1	LOCKNUT, Flange, 5/16-18
46	176667	1	ROD, Clutch
47	917377	2	WASHER, Flat, 1/4
48	930542	1	SETSCREW, 1/4-20 x 3/4
49	157041	1	SPRING
50	8191022	1	COLLAR, Sel
51	156302	1	SPRING
52	101096	1	PULLEY, Idler
53	171247	1	PULLEY, Idler

NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.



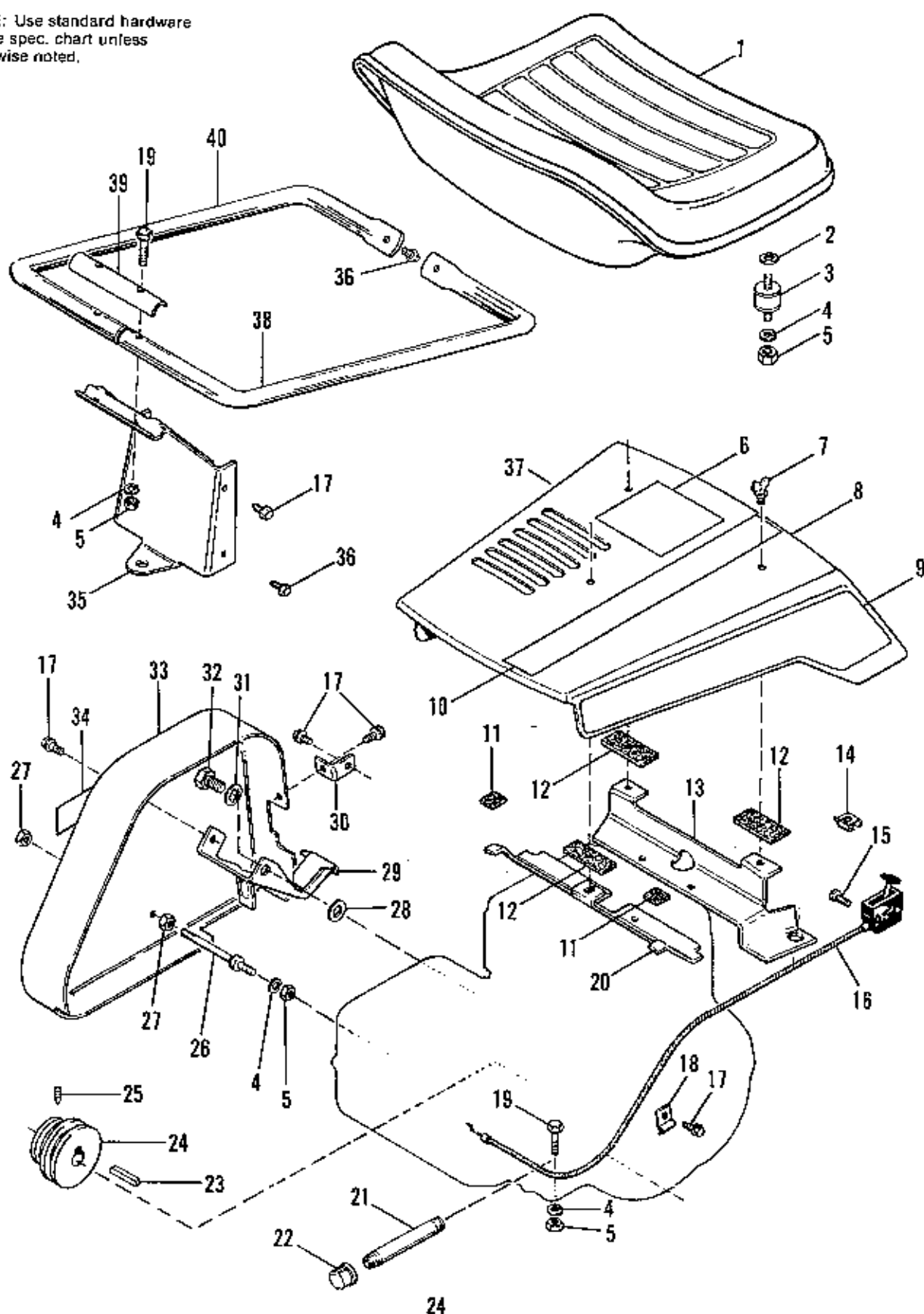
Ref. No.	Part No.	Qty.	Description
1	818447	3	PIN, Cotter, 3/32 x 3/4
2	176663	1	PEDAL ASSY., Foot
3	917378	3	WASHER, Plain, 3/8
4	930645	3	LOCKNUT, Flange, 3/8-16
5	176669	1	ROD, Brake
6	176665	1	HUB
7	178866	1	LEVER
8	153093	1	SPRING
9	175945	1	LEVER ASSY., Control
10	922125	1	SCREW, Thd. Forming, 1/4-20 x 7/8
11	171185	1	KNOB
12	924856	2	SCREW, Swage Form, 5/16-18 x 1/2
13	176014	1	QUADRANT
14	930642	4	NUT, Flange, 1/4-20
15	176551	2	SUPPORT, Pivot
16	917377	4	WASHER, Plain, 1/4
17	818452	1	PIN, Cotter, 1/8 x 1
18	176899	1	LINK
19	175947	1	ROD, Clutch
20	818965	4	LOCKWASHER, 3/8
21	916950	4	NUT, Hex, Full, 3/8-16
22	175950	1	BRACKET, Pivot
23	174561	2	PULLEY, Idler
24	921969	3	CAPSCREW, Hex Hd., 3/8-16 x 1-1/2
25	176903	1	SPRING
26	177365	3	SPRING (Qty. 2 used on 990963)
27	105201	1	COLLAR, Set
28	928804	1	SETSCREW, 1/4-20 x 3/8
29	176796	1	GUIDE ASSY., Rod
30	174402	2	GUIDE, Belt
31	157424	4	WASHER, Special
32	165067	1	DRUM, Brake
33	926591	5	SETSCREW, 5/16-18 x 5/16
34	176638	1	BAND ASSY., Brake
35	156136	1	LINING, Brake
36	928021	3	RIVET, #7 x 1/4
37	176864	1	ROD, Parking Brake
38	924433	1	LOCKNUT, Elastic, 5/16-18
39	153010	1	SPRING
40	8191047	1	SPRING
41	917372	5	NUT, Hex, Full, 5/16-18
42	917642	4	WASHER, Plain
43	176502	2	PULLEY ASSY., Outer
44	175734	4	BEARING
45	108051	2	RING, Retaining
46	157332	1	KEY
47	8061048	1	RING, Retaining
48	175271	1	WASHER
49	121210	3	WASHER
50	175739	1	CLUTCH, Center Disc
51	175365	1	PULLEY, Engine
52	159159	1	KEY
53	108269	1	COLLAR, Set
54	923362	1	LOCKNUT, Hex, 5/16-18
55	162085	1	SPRING
56	176797	2	GUIDE, Rod
57	101025	1	WASHER
58	176730	1	ROD ASSY., Clutch
59	161166	1	BOLT, Shoulder
60	1602155	1	RING, Retaining
61	176493	1	BRACKET, Idler
62	176640	1	PULLEY, Idler
63	918439	1	LOCKNUT, Elastic, 3/8-16
64	930651	1	LOCKNUT, Hex, 3/8-16
65	930622	1	CAPSCREW, Hex Hd., 3/8-16 x 4
66	177452	1	BELT, V
67	175361	1	BELTS, Matched
68	927340	4	CAPSCREW, Hex Hd., 1/4-20 x 3/4
69	917642	3	WASHER, Plain, 5/16

*Used On Mfg. No. 990963.

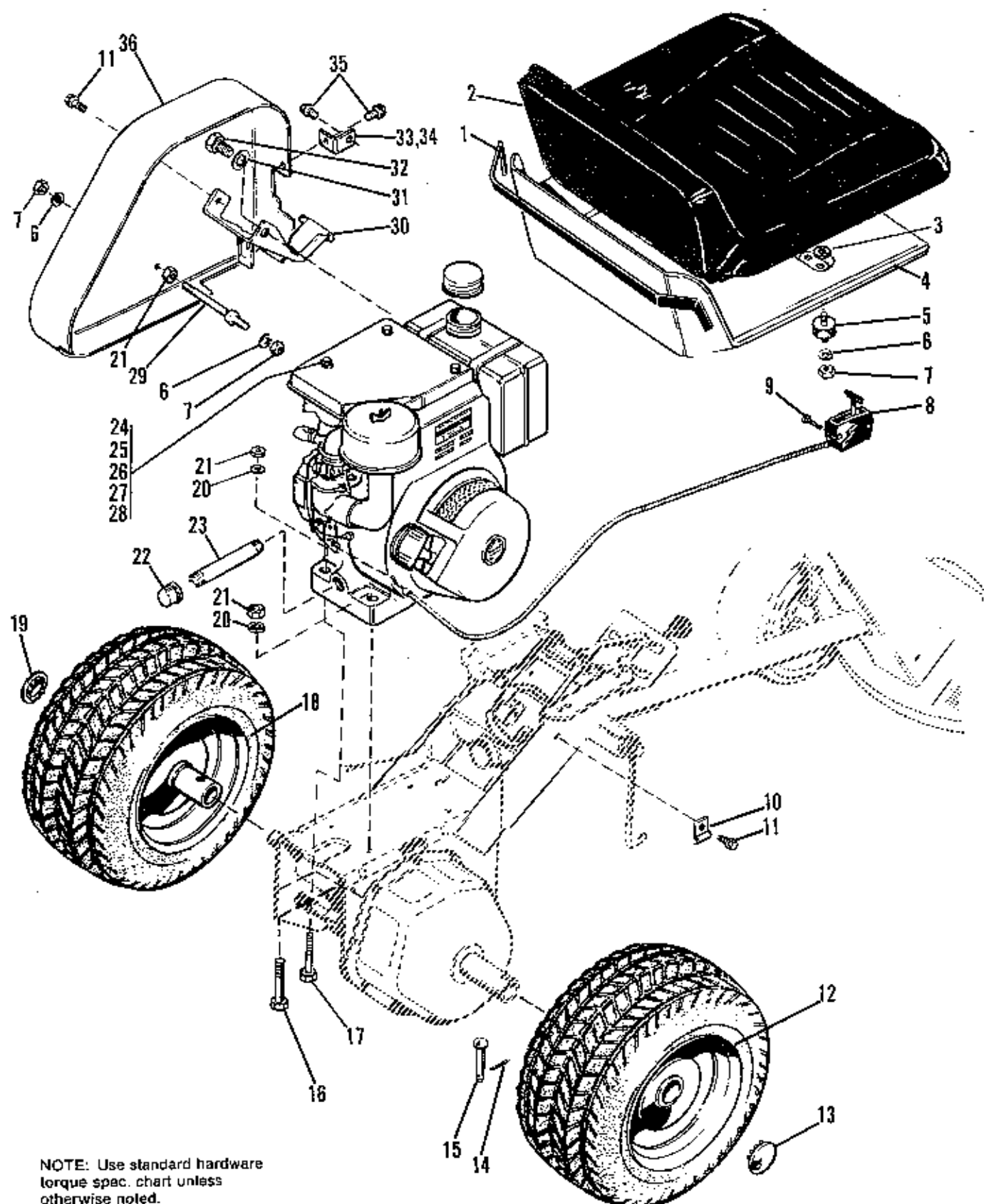


Ref. No.	Part No.	Qty.	Description
1	1651879	1	SEAT ASSY.
2	919381	14	WASHER, Plain, 5/16
3	921221	2	CAPSCREW, Hex Hd., 5/16-18 x 1-1/2
4	917372	10	NUT, Hex, Full, 5/16-18
5	917356	14	LOCKWASHER, 5/16
6	1656499	2	SUPPORT, Seat
7	921333	4	CAPSCREW, Hex Hd., 5/16-18 x 1
8	157094	2	CONNECTOR, Cushion
9	1608535	2	MOUNT, Rubber
10	928732	2	SCREW, Hex, Washer Hd., #10-24 x 1
11	1608962	1	THROTTLE & CHOKE ASSY.
12	924856	7	SCREW, Tapping, 5/16-18 x 1/2
13	926271	1	CLIP
14	923362	4	LOCKNUT, Hex, 5/16-18
15	156151	1	SCREW, Hex, Special
16	922127	3	CAPSCREW, Hex Hd., 5/16-18 x 1-3/4
17	925003	2	SCREW, Tapping, 1/4-20 x 1/2
18	1608938	1	PLATE, Hitch, Rear
19	1609451	1	PULLEY, Drive, Transmission
20	1609449	1	PULLEY, Engine
21	928691	1	SETSCREW, 5/16-18 x 5/16
22	905100	1	KEY, 1/4 x 1/4 x 2-1/4
23	917642	4	WASHER, Plain, 5/16
24	901752	1	CAP, Pipe, 3/8
25	901496	1	NIPPLE, Pipe
26	1609140	1	DECAL, Caution
27	919316	1	CAPSCREW, Hex Hd., 1/4-20 x 1-3/4
28	929000	2	SCREW, Taptite, Hex, 1/4-20 x 3/8
29	1608963	1	SHIELD, Heat
30	1608980	1	SUPPORT, Heat Shield
31	1608994	1	SPACER
32	158418	1	STUD
33	1609443	1	STOP, Belt
34	909589	1	LOCKWASHER, Int., 1/2
35	921370	1	CAPSCREW, Hex Hd., 1/2-20 x 1
36	1609444	1	BRACKET, Pulley Guard
37	1609232	1	DECAL, Safety
38	1609445	1	GUARD, Pulley
39	1657107	1	DECAL, Cover
40	1657109	1	DECAL, 3008

NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.



Ref. No.	Part No.	Qty.	Description
1	1651789	1	SEAT ASSY.
2	919381	4	WASHER, Plain, 5/16
3	157094	4	CONNECTOR, Cushion
4	917356	12	LOCKWASHER, 5/16
5	917372	12	NUT, Hex, Full, 5/16-18
6	1657293	1	DECAL, Safety
7	928693	3	SCREW, Wing, 5/16-18 x 3/4
8	158515	1	HOOD ASSY.
9	1657105	1	DECAL, Hood, L.H.
10	1651769	1	DECAL, Stripe
11	157582	2	BUTTON, Bumper
12	121399	3	GASKET, Felt
13	174746	1	SUPPORT, Front Hood
14	928701	3	NUT, Retainer, 5/16-18
15	928732	2	SCREW, Hex, Washer Hd., #10-24 x 1
16	1608962	1	THROTTLE & CHOKE ASSY.
17	924856	1	SCREW, Taptite, Hex, 5/16-18 x 1/2
18	926271	1	CLIP
19	921221	6	CAPSCREW, Hex Hd., 5/16-18 x 1-1/2
20	158449	1	SUPPORT, Rear Hood
21	158610	1	NIPPLE, Pipe
22	901751	1	CAP, Pipe
23	8221042	1	KEY
24	176584	1	PULLEY
25	928691	1	SETSCREW, 5/16-18 x 5/16
26	158418	1	STUD
27	923362	2	LOCKNUT, Hex, 5/16-18
28	918431	1	WASHER, Plain, 1/2
29	158527	1	STOP, Belt
30	1609444	1	BRACKET, Pulley Guard
31	909589	1	LOCKWASHER, Int., 1/2
32	921370	1	CAPSCREW, Hex Hd., 1/2-20 x 1
33	1609445	1	GUARD, Pulley
34	1657108	2	DECAL, 3005
35	1608938	1	PLATE, Hitch, Rear
36	925003	3	SCREW, Tapping, 1/4-20 x 1/2
37	1657104	1	DECAL, Hood, R.H.
38	174829	1	HANDLE, Rear, R.H.
39	158584	1	BRACKET, Support Handle
40	158583	1	HANDLE, Rear, L.H.

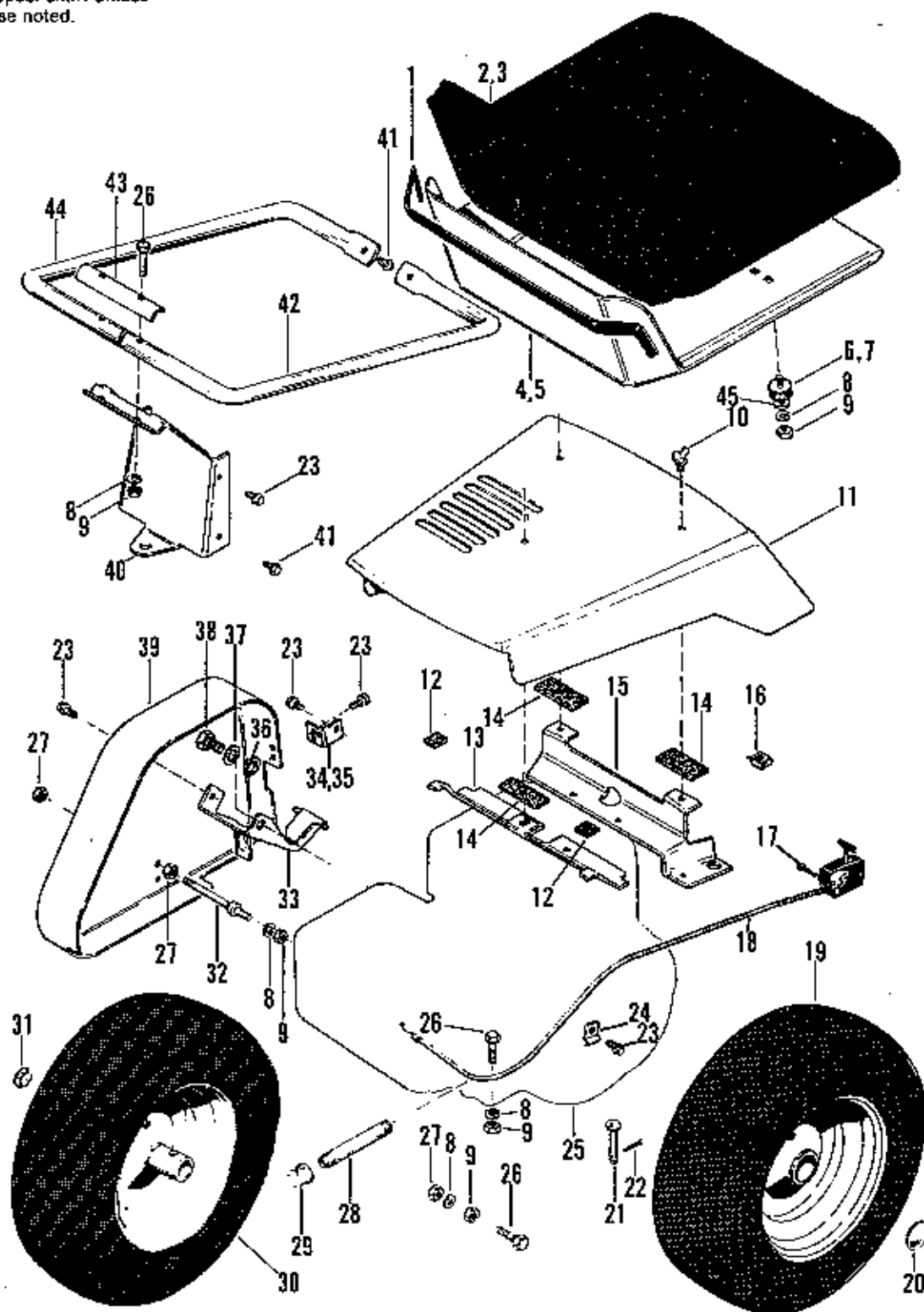


Rel. No.	Part No.	Qty.	Description
1	159177	1	TAPE, 2 ft.
2	1610429	1	PAD, Seal
*3	919381	2	WASHER, Plain, 5/16
4	1610362	1	PANEL, Seat
5	157094	4	CONNECTOR, Cushion
6	917356	10	LOCKWASHER, 5/16 (Qty. 6 used on 991020)
7	917372	10	NUT, Hex, Full, 5/16-18 (Qty. 6 used on 991020)
8	1608962	1	CONTROL ASSY., Throttle
9	928732	2	SCREW, Tapite, #10-24 x 1
10	926271	1	CLIP
11	924856	3	SCREW, Tapite, 5/16-18 x 1/2
12	1608918	1	WHEEL & TIRE ASSY., Rear, R.H.
13	158436	1	BUTTON, Plug
14	918451	2	PIN, Cotter, 1/8 x 3/4
15	118053	2	PIN
16	922127	3	CAPSCREW, Hex Hd., 5/16-18 x 1-3/4
17	156151	1	CAPSCREW, Special
18	1608919	1	WHEEL & TIRE ASSY., Rear, L.H.
19	158433	1	BUTTON, Plug
20	917642	4	WASHER, Plain, 5/16
21	923362	5	LOCKNUT, Hex, 5/16-18
22	901752	1	CAP, Pipe
23	901496	1	NIPPLE, Pipe
24	927428	2	SCREW, Tapite, Hex, 1/4-20 x 3/8
25	919316	1	CAPSCREW, Hex Hd., 1/4-20 x 1-3/4
26	1608963	1	SHIELD, Heat
27	1608980	1	SUPPORT, Heat Shield
28	1608994	1	SPACER
29	158418	1	STUD
30	1609443	1	STOP, Belt
31	909589	1	LOCKWASHER, Int, 1/2
32	924086	1	CAPSCREW, Hex, 1/2-20 x 3/4
*33	176611	1	BRACKET, Pulley Guard
**34	1609444	1	BRACKET, Pulley Guard
35	928729	2	SCREW, Tapite, Hex, 5/16-18 x 3/8
36	1609445	1	GUARD, Pulley

*Used on Mfg. No. 991020 only.

**Used on Mfg. No. 1690128 only.

NOTE: Use standard hardware torque spec. chart unless otherwise noted.

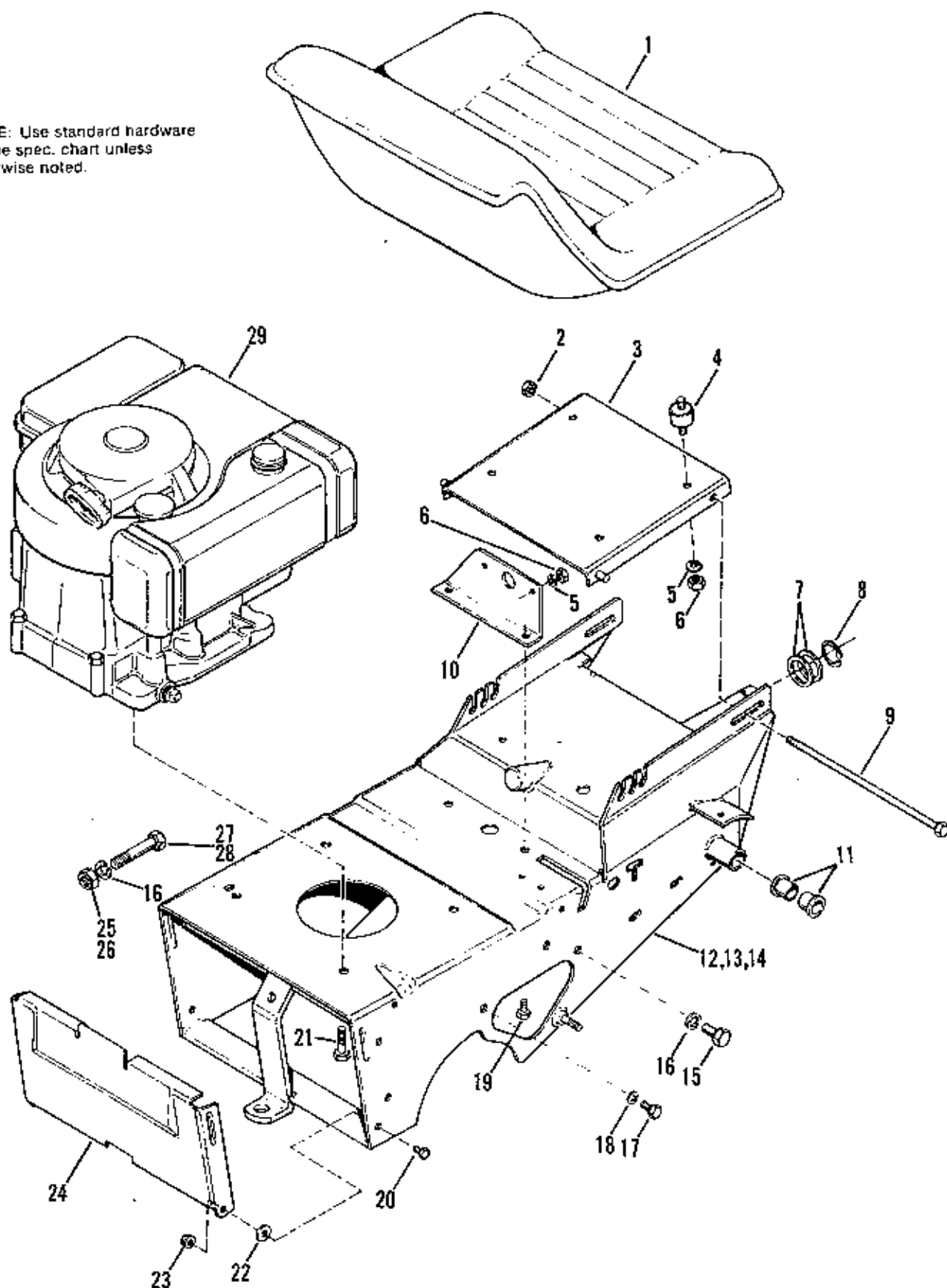


Ref. No.	Part No.	Qty.	Description
1	159177	1	TAPE, 2 ft.
*2	162094	1	PAD, Seat
**3	1610429	1	PAD, Seat
*4	165066	1	PANEL, Seat
**5	1610382	1	PANEL, Seat
*6	159085	4	CONNECTOR, Cushion
**7	157094	4	CONNECTOR, Cushion
8	917356	16	LOCKWASHER, 5/16
9	917372	16	NUT, Hex, Full, 5/16-18
10	928693	3	SCREW, Thumb
11	158515	1	HOOD ASSY.
12	157582	2	BUTTON, Bumper
13	158449	1	SUPPORT, Rear Hood
14	121399	3	GASKET, Felt
15	174746	1	SUPPORT, Front Hood
16	928701	3	NUT, Tinnerman, 5/16-18
17	928732	2	SCREW, Taptite, #10-24 x 1
18	1608962	1	THROTTLE & CHOKE ASSY.
19	1608383	1	WHEEL & TIRE ASSY., Rear, R.H.
20	158436	1	BUTTON, Plug
21	118053	2	PIN
22	918451	2	PIN, Collar, 1/8 x 3/4
23	924856	7	SCREW, Taptite, 5/16-18 x 1/2
24	926271	1	CLIP, Cable
25		1	ENGINE
26	921221	7	CAPSCREW, Hex Hd., 5/16-18 x 1-1/2
27	923362	3	LOCKNUT, Hex, 5/16-18
28	158610	1	NIPPLE, Pipe
29	901751	1	CAP, Pipe
30	1608381	1	WHEEL & TIRE ASSY., Rear, L.H.
31	158433	1	BUTTON, Plug
32	158418	1	STUD
33	158527	1	STOP, Bell
*34	176811	1	BRACKET, Pulley Guard
**35	1609444	1	BRACKET, Pulley Guard
36	918431	1	WASHER, Plated, 1/2
37	909589	1	LOCKWASHER, Int., 1/2
38	921370	1	CAPSCREW, Hex Hd., 1/2-20 x 1
39	1609445	1	GUARD, Pulley
40	1608938	1	PLATE, Rear Hitch
41	925003	3	SCREW, Taptite, 1/4-20 x 1/2
42	174629	1	HANDLE, Rear, R.H.
43	158584	1	BRACKET, Support, Handle
44	158583	1	HANDLE, Rear, L.H.
**45	919381	2	WASHER, Plain, Plated, 5/16

*Used on Mfg. No. 990900.

**Used on Mfg. No. 1690124.

NOTE: Use standard hardware torque spec. chart unless otherwise noted.



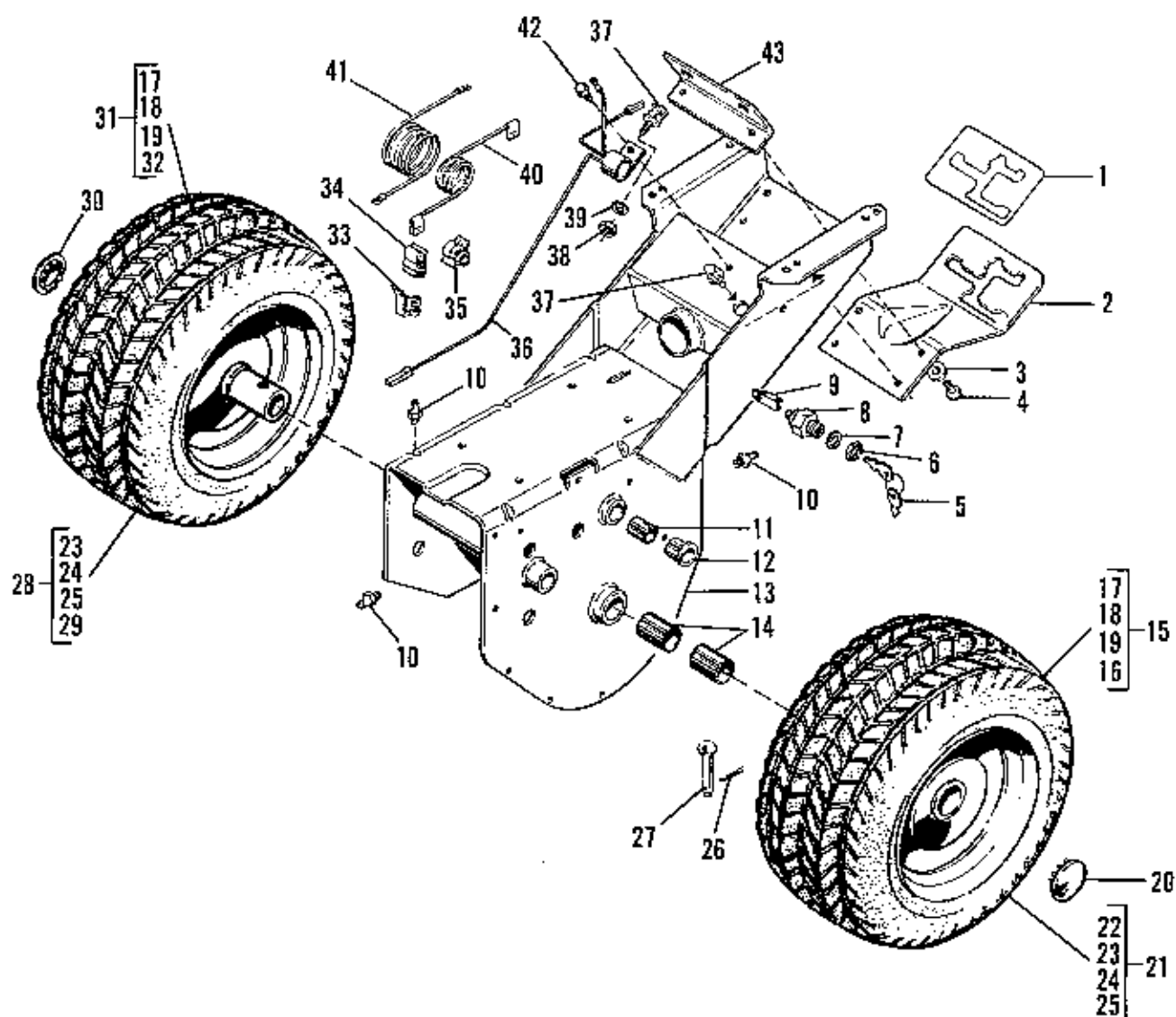
Ref. No.	Part No.	Qty.	Description
1	176495	1	SEAT ASSY.
2	930645	1	NUT, Flange, 3/8-16 (Qty. 2 used on 990963, 990998 & 991000)
3	176491	1	PLATE ASSY., Seat
4	157094	4	CONNECTOR
5	917356	6	LOCKWASHER, 5/16
6	917372	6	NUT, Hex, Full, 5/16-18
7	153088	2	WASHER
8	158396	1	RING, Retaining
9	176848	1	SCREW, Special, 3/8-16 x 10
10	176836	1	PLATE, Engine
11	108419	2	BUSHING
*12	175352	1	FRAME ASSY., Rear
**13	178007	1	FRAME ASSY., Rear
***14	1650222	1	FRAME ASSY., Rear
15	919321	2	CAPSCREW, Hex Hd., 7/16-14 x 3/4
16	918199	3	LOCKWASHER, 7/16
17	908127	1	CAPSCREW, Hex Hd., 3/8-16 x 3/4
***18	916965	1	LOCKWASHER, 3/8
19	928730	2	CAPSCREW, Hex Hd., 3/8-16 x 1/2
20	921959	2	CAPSCREW, Hex Hd., 1/4-20 x 5/8
21	928635	4	CAPSCREW, Hex Hd., 3/8-16 x 1-1/4
22	166161	2	WASHER, Nylon
23	930642	2	NUT, Flange, 1/4-20
24	176494	1	COVER, Rear
****25	918213	1	NUT, Hex, Full, 7/16-14
**26	916950	1	NUT, Hex, Full, 3/8-16
***27	930584	1	CAPSCREW, Hex Hd., 7/16-14 x 2-3/4
***28	928957	1	CAPSCREW, Hex Hd., 3/8-16 x 2-3/4
29		1	ENGINE

*Used on Mfg. No. 990963.

**Used on Mfg. No. 990998 & 991000.

***Used on Mfg. No. 1690012.

****Used on Mfg. No. 990963, 990998 & 991000.

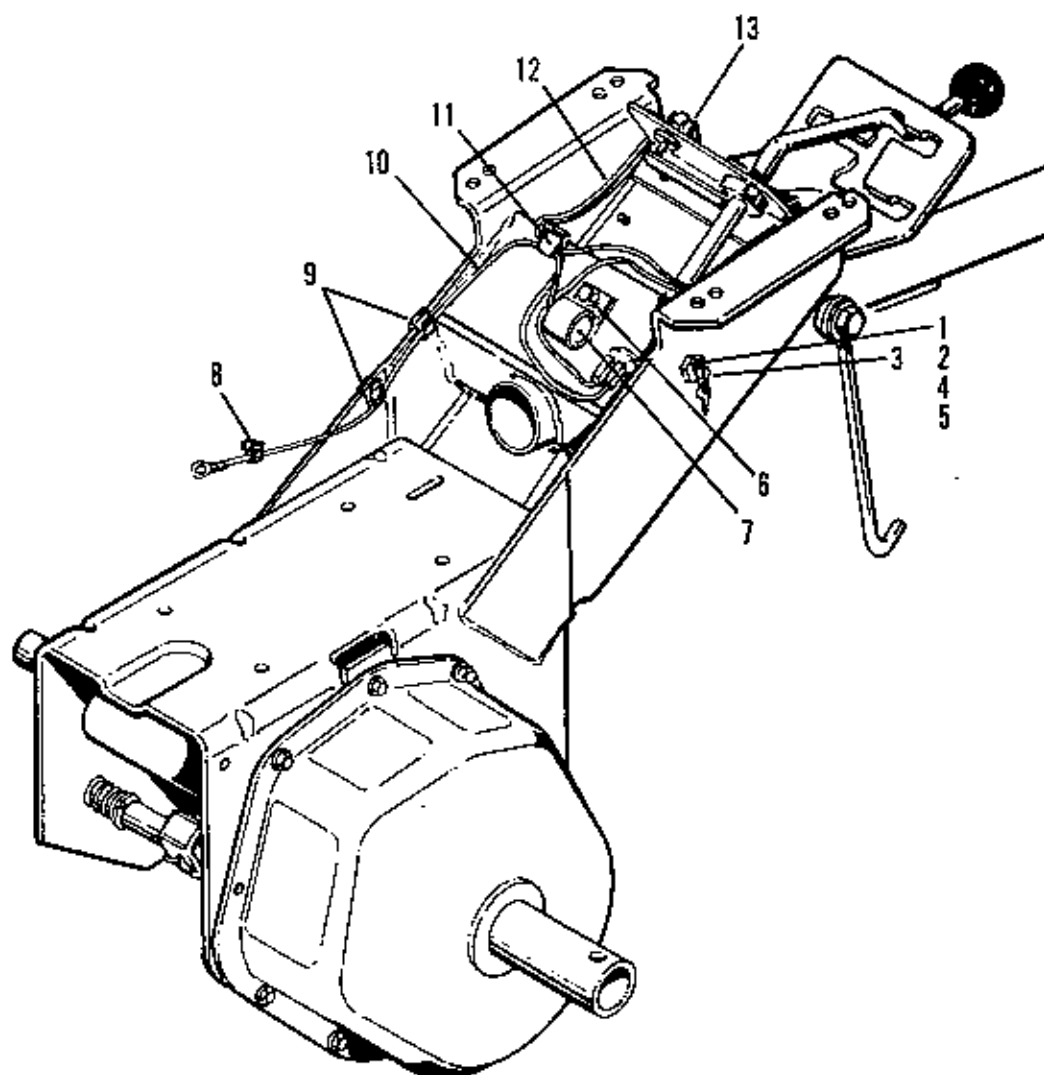


NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.

Ref. No.	Part No.	Qty.	Description
1	172989	1	DECAL, Shift Pattern
2	172923	1	PLATE, Shift Pattern
3	917377	4	WASHER, Plain, 1/4
4	927429	4	SCREW, Hex, Washer Hd., Tapite, 1/4-20 5/8
5	122203	1	KEY & RING ASSY.
6	122234	1	NUT, Hex
7	918906	1	LOCKWASHER, 5/8
8	177163	1	SWITCH
9	177164	1	ADAPTOR
10	912808	3	FITTING, Grease, 1/4-20
11	156064	2	BUSHING
12	156569	2	BEARING, Bronze
13	1656740	1	ENGINE BASE ASSY. W/Bushings
14	158337	2	BUSHINGS
**15	1608918	1	WHEEL & TIRE ASSY., R.H.
**16	1608916	1	WHEEL ASSY., Rear, R.H.
**17	159158	2	TIRE
**18	1608991	2	TUBE, 16 x 6-1/2 x 8
**19	156305	2	VALVE STEM & CAP
20	158438	1	PLUG, Button
*21	1608383	1	WHEEL & TIRE ASSY., R.H.
*22	1608384	1	WHEEL ASSY., Rear, R.H.
*23	153037	2	TIRE
*24	153038	2	TUBE
*25	171270	2	VALVE STEM & CAP
26	918452	2	PIN, Cotter, 1/8 x 1
27	118053	2	PIN
*28	1608381	1	WHEEL & TIRE ASSY., Rear, L.H.
*29	1608382	1	WHEEL ASSY., Rear, L.H.
30	158433	1	PLUG, Button
**31	1608919	1	WHEEL & TIRE ASSY., Rear, L.H.
**32	1608917	1	WHEEL ASSY., Rear, L.H.
33	176687	1	CLIP, Cable
34	176701	2	CLIP, Cable
35	176675	1	CLIP, Cable
36	1609276	1	WIRE, Ignition Interlock
37	1609279	2	SWITCH, Safety
38	917385	1	NUT, Hex, Full, #8-32
39	917489	1	LOCKWASHER, #8
40	1609277	1	LEAD, Switch Interlock
41	176480	1	WIRE
42	927428	1	SCREW, Hex, Washer Hd., Tapite, 1/4-20 x 3/8
43	1609280	1	GUIDE, Shift Rod

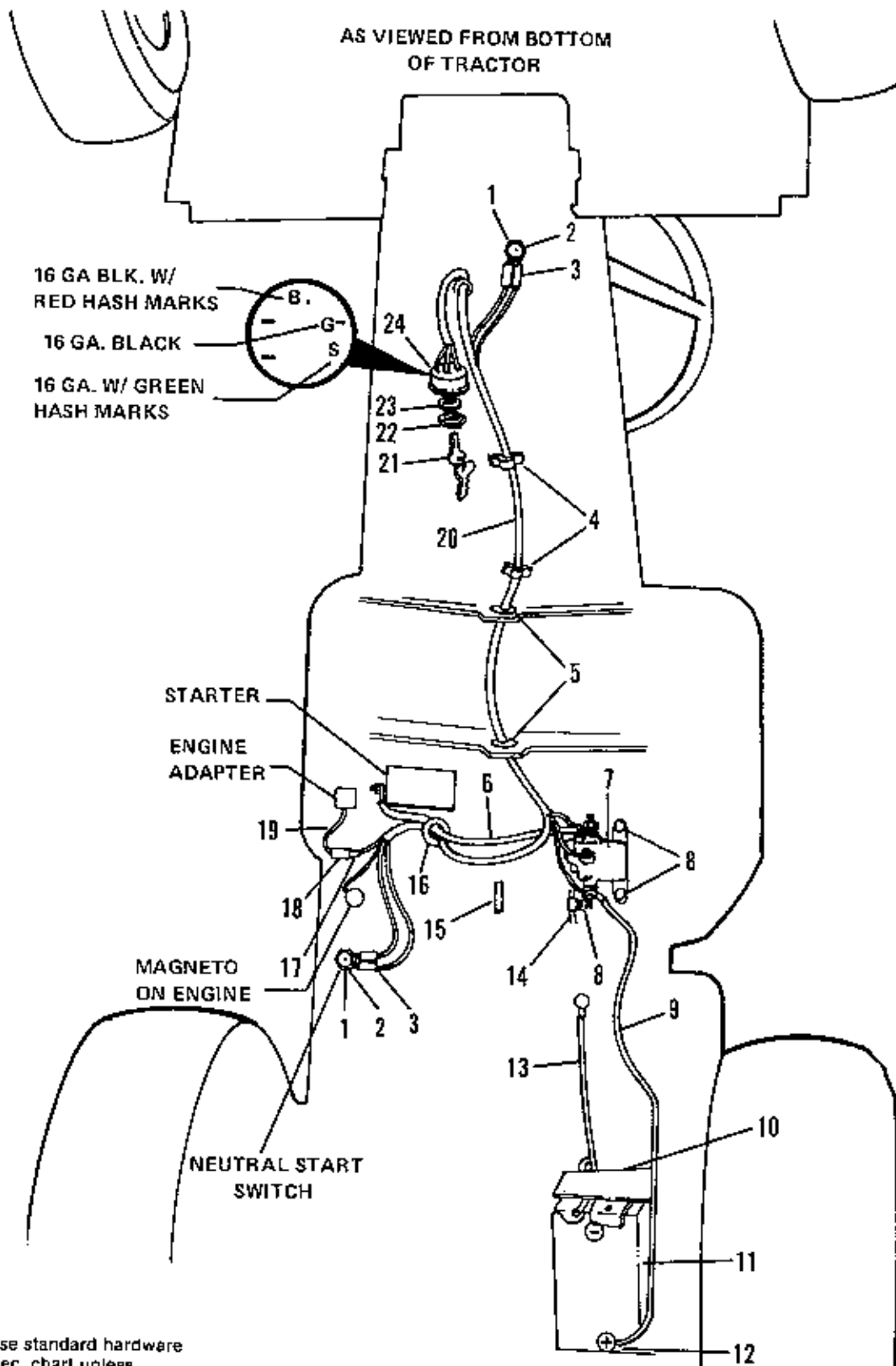
*Used on Mfg. No. 1690240.

**Used on Mfg. No. 1690242.



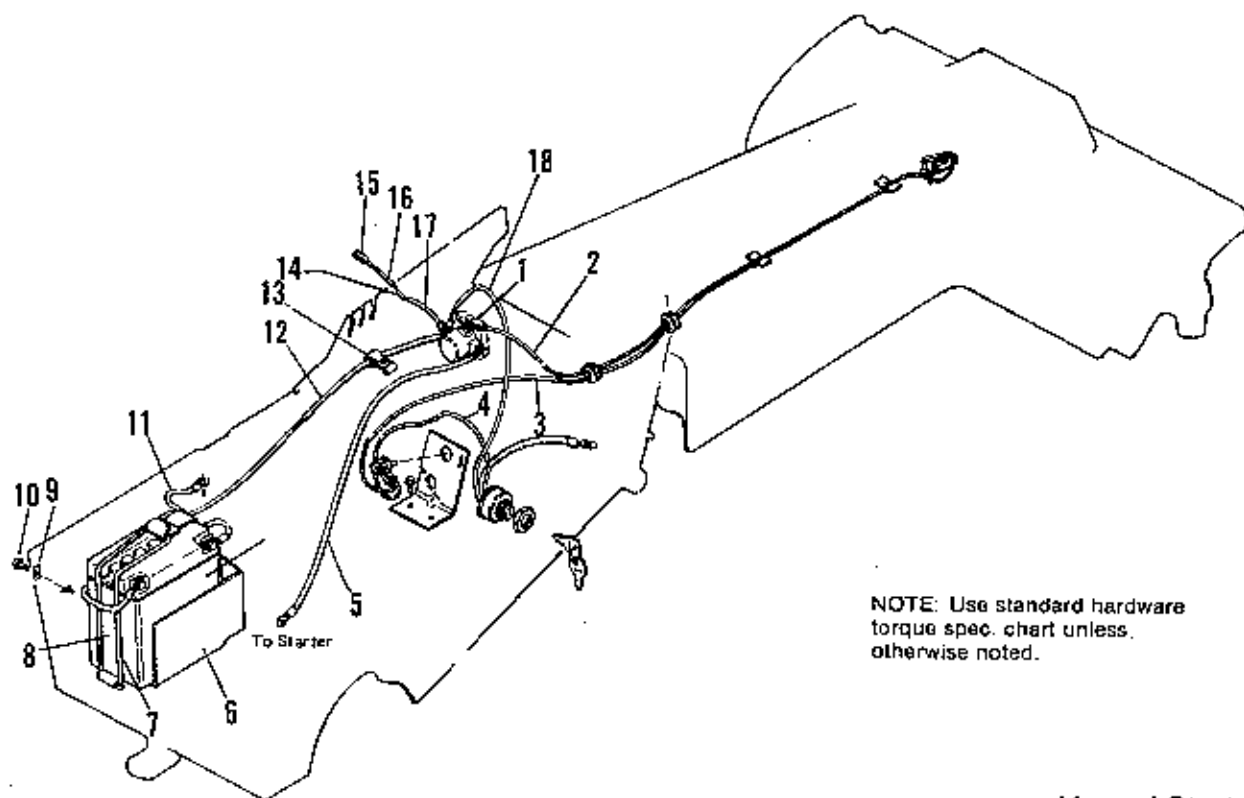
NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.

Ref. No.	Part No.	Qty.	Description
1	177163	1	SWITCH, Ignition
2	177164	1	ADAPTOR
3	122203	1	KEY & RING ASSY.
4	918906	1	LOCKWASHER, 5/8
5	122234	1	NUT, Hex
6	927428	1	SCREW, Hex, Self Tapping, 1/4-20 x 3/8
7	1609276	1	INTERLOCK, Ignition
8	176687	1	CLIP
9	176701	2	CLIP
10	176480	1	WIRE
11	176675	1	CLIP
12	1609277	1	LEAD
13	1609279	2	SWITCH, Safety

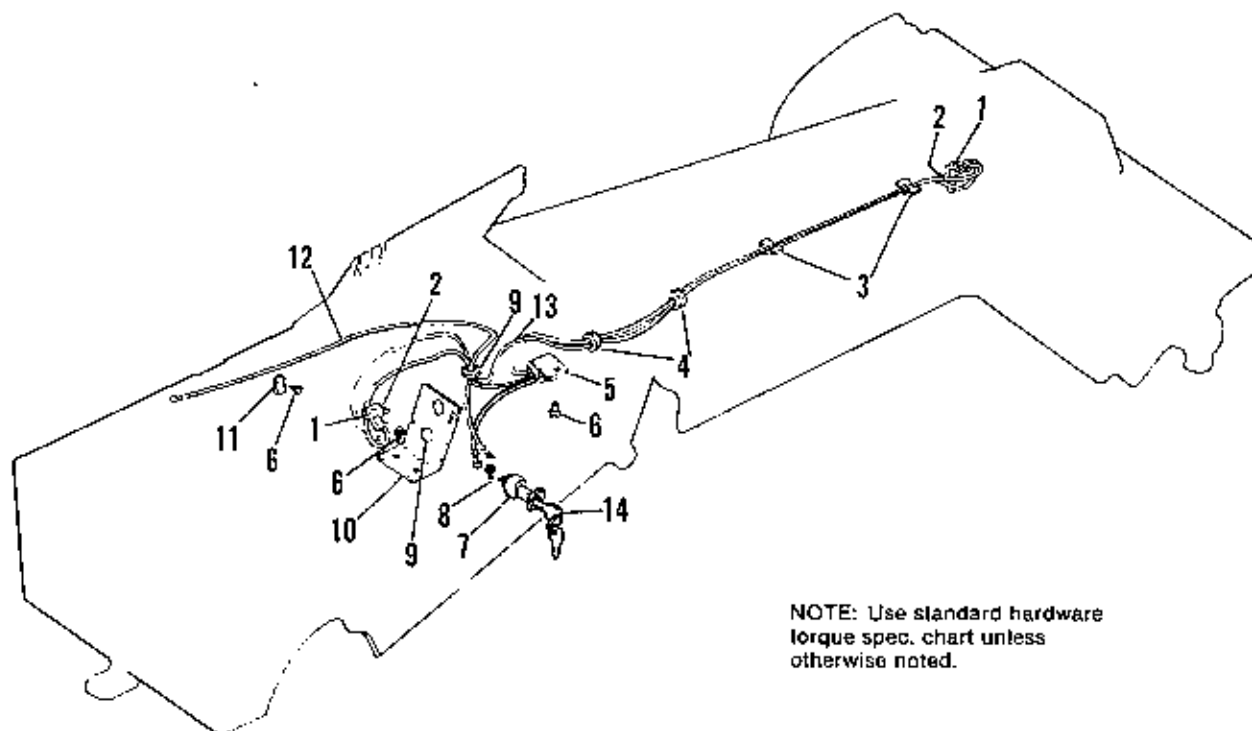


NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.

Rel. No.	Part No.	Qty.	Description
1	177522	2	SWITCH, Safety
2	930647	2	PALNUT, 9/16-18
3	1651222	2	CONNECTOR, Body
4	176912	2	CLIP, Wire
5	176833	2	GROMMET
6	177982	1	CABLE ASSY. (Solenoid to Starter)
7	122216	1	SOLENOID
8	929000	3	SCREW, Hex, Washer Hd., Taplite, 1/4-20 x 3/8
9	177981	1	CABLE ASSY. (Battery to Solenoid)
10	176623	1	SUPPORT ASSY., Battery
11	177390	1	BATTERY & CLIP ASSY.
12	172744	1	STRAP, Rubber
13	176975	1	CABLE ASSY. (Battery neg. to ground)
14	154247	1	CLAMP
15	1651124	1	GROMMET
16	1650793	1	GROMMET
17	930612	2	SCREW, Pan Hd., Phillips, Taplite, #8-32 x 3/4
18	178171	1	RESISTOR
19	178172	1	WIRE ASSY.
20	1650862	1	HARNESS, Wiring
21	122203	1	KEY & RING ASSY.
22	122234	1	NUT, Special
23	918906	1	LOCKWASHER, Int. 5/8
24	178280	1	SWITCH, Ignition

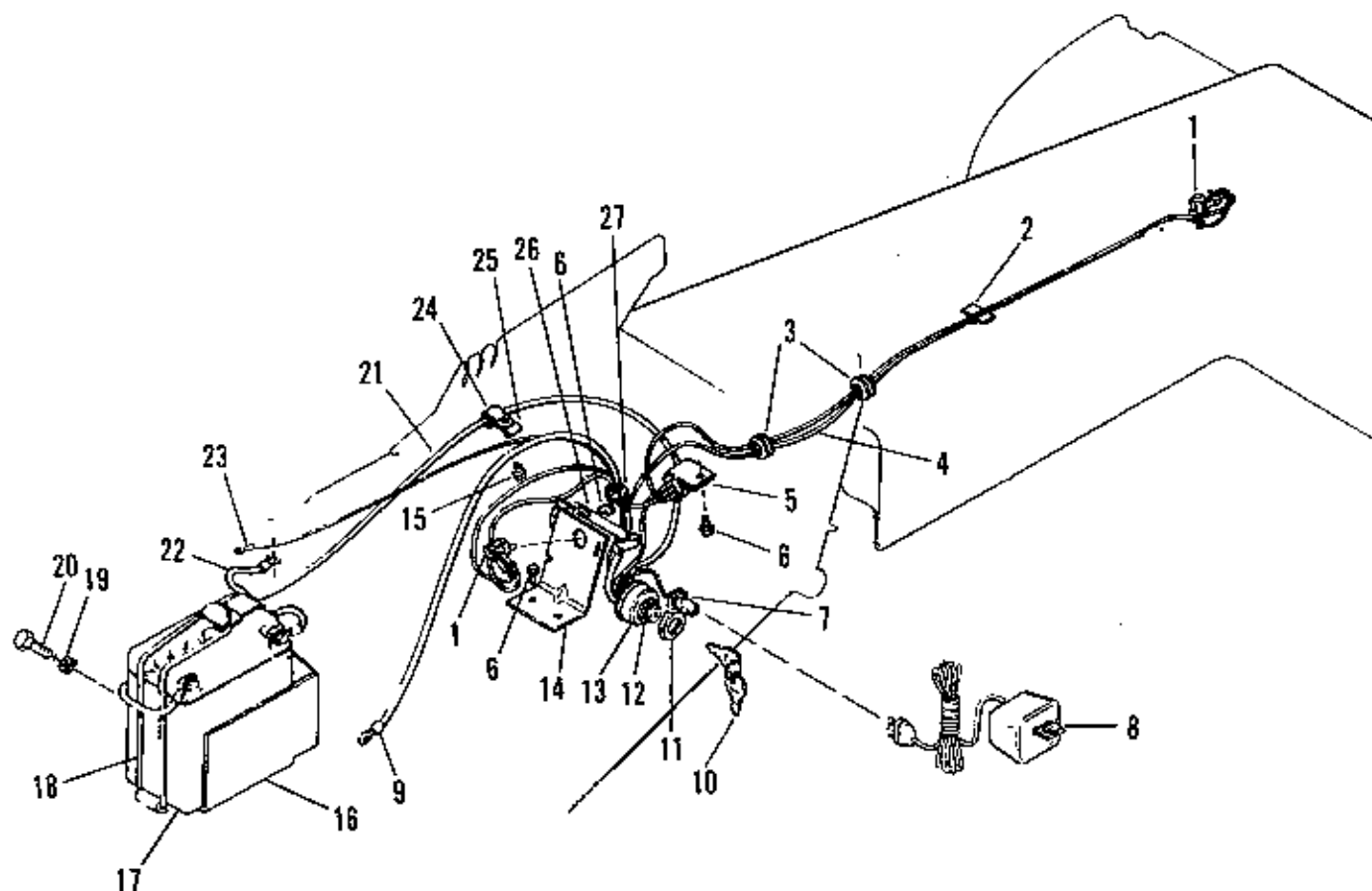


Manual Start Group



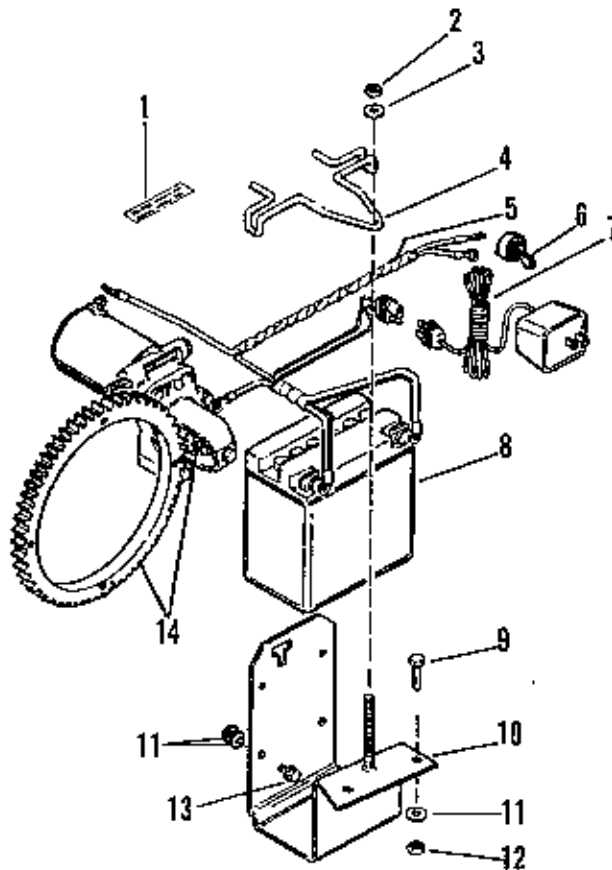
Ref. No.	Part No.	Qty.	Description
1	122216	1	SOLENOID
2	177984	1	WIRE ASSY. (PTO switch to solenoid)
3	178444	1	WIRE
4	177985	1	WIRE ASSY. (Switch to ignition switch)
5	177982	1	CABLE ASSY., Solenoid (To starter)
6	176623	1	SUPPORT ASSY. (Battery)
7	176912	2	CLIP, Wire
8	177390	1	BATTERY & CLIP ASSY.
9	920299	3	NUT, Speed
10	928688	3	SCREW, Self Tapping, #10 x 1/2
11	176976	1	CABLE ASSY. (Battery neg. to ground)
12	177981	1	CABLE ASSY. (Battery to solenoid)
13	932771	1	CLIP, Cable
14	178171	1	RESISTOR
15	172410	1	FUSE, 7-1/2 Amp
16	178172	1	WIRE ASSY.
17	178173	1	WIRE ASSY.
18	177983	1	WIRE ASSY., Ignition (Switch to Solenoid)

Ref. No.	Part No.	Qty.	Description
1	177522	2	SWITCH, Safety
2	930647	3	PALNUT
3	176912	2	CLIP, Wire
4	172176	2	GROMMET
5	178447	1	INTERLOCK, Ignition
6	929000	4	SCREW, Hex, Washer Hd., Taptite, 1/4-20 x 3/8
7	177163	1	SWITCH
8	177164	1	ADAPTOR
9	176833	2	GROMMET
10	178448	1	SUPPORT, Switch
11	154247	1	CLAMP
12	176834	1	WIRE
13	178444	1	WIRE
14	122203	1	KEY & RING ASSY.



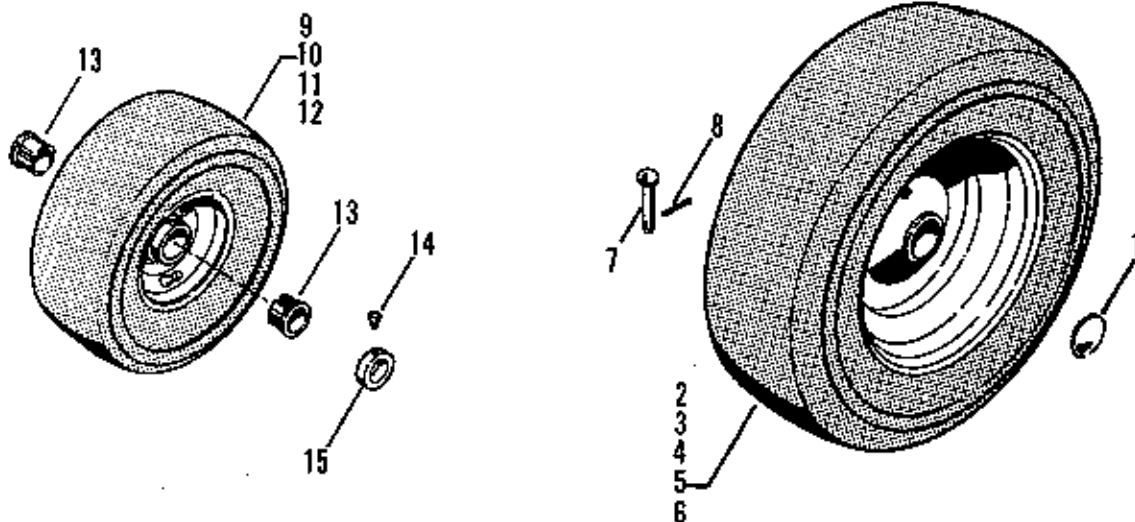
NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.

Rel. No.	Part No.	Qty.	Description
1	1609279	2	SWITCH
2	176912	1	CLIP
3	176833	2	GROMMET
4	176835	1	WIRE, Green
5	176792	1	INTERLOCK
6	929000	4	SCREW, Hex, Washer Hd., Taptite, 1/4-20 x 3
7	176852	1	RECEPTACLE, Charger
8	170046	1	CHARGER, Battery
9	177981	1	CABLE ASSY. (Switch to Start)
10	122203	1	KEYS
11	122234	1	NUT, Hex, Special
12	918906	1	LOCKWASHER, 5/8
13	122218	1	SWITCH, Ignition
14	176805	1	SWITCH, Support
15	927428	1	SCREW, Hex, Washer Hd., Taptite, 1/4-20 x 3/8
16	176823	1	SUPPORT ASSY., Battery
17	177390	1	BATTERY & CLIP ASSY.
18	172744	1	STRAP, Rubber
19	920299	3	NUT, Speed
20	928688	3	SCREW, Self Tapping, #10 x 1/2
21	176974	1	CABLE ASSY. (Battery pos. to ignition switch)
22	176975	1	CABLE ASSY. (Battery neg. to ground)
23	176834	1	WIRE, Black
24	154247	1	CLAMP
25	932771	1	CLIP, Cable
26	176804	1	CLIP
27	172176	1	GROMMET



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Front & Rear Wheels Group



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

12 Volt Starter Group

Simplicity

2/80

Ref. No.	Part No.	Qty.	Description
1	174885	1	FILM, Ignition
2	923358	1	LOCKNUT, Hex, 1/4-20
3	917377	1	WASHER, Plain, 1/4
4	174412	1	HOLD DOWN, Battery
5	176627	1	HARNESS ASSY.
*6	122218	1	SWITCH, Ignition Key
7	170046	1	CHARGER, Battery
8	177390	1	BATTERY
9	921977	2	CAPSCREW, Hex Hd., 5/16-18 x 1-1/4
10	176799	1	SUPPORT ASSY., Battery
11	917642	4	WASHER, Plain, 5/16
12	923362	2	LOCKNUT, Hex, 5/16-18
13	925359	2	SCREW, Hex, Washer Hd., Taptite, 5/16-18 x 3/4
14	1608612	1	STARTER KIT

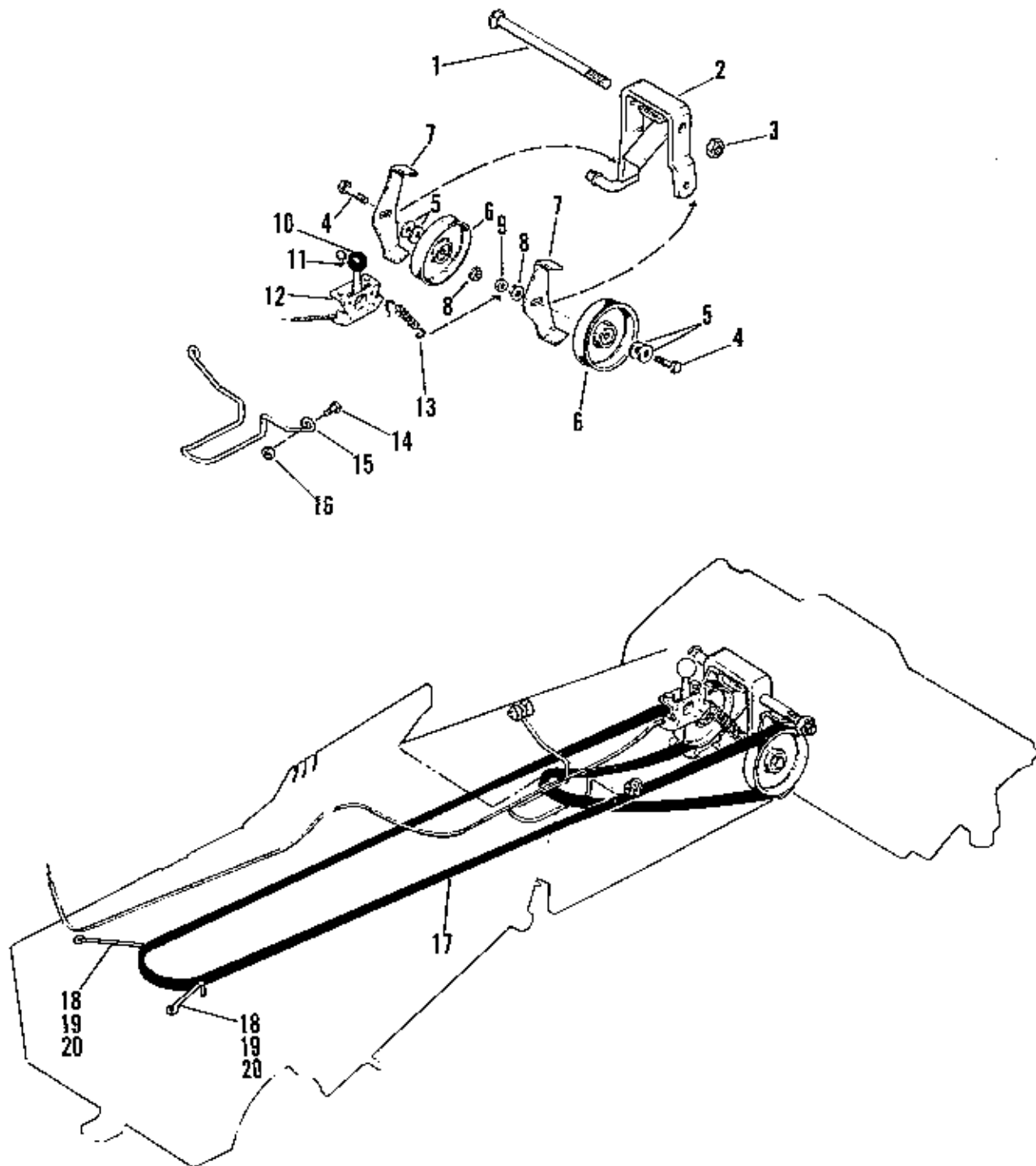
*Used on Mfg. No. 1600312 Only.

Mfg. No. 990963, 990998, 991000, 1690012

Front & Rear Wheels Group

2/80

Ref. No.	Part No.	Qty.	Description
1	158433	2	BUTTON, Plug
2	1608919	2	WHEEL & TIRE ASSY., Rear
3	1608917	2	WHEEL ASSY.
4	157490	2	TIRE, Tubeless
5	153038	2	TUBE
6	171270	2	STEM, Valve, Cap
7	118053	2	PIN
8	918451	2	PIN, Cotter, 1/8 x 3/4
9	1608379	2	WHEEL & TIRE ASSY., Front
10	1608380	2	WHEEL
11	163108	2	TIRE
12	163109	2	TUBE
13	156316	4	BEARING, Relief
14	928691	2	SETSCREW, 5/16-18 x 5/16
15	8021010	2	COLLAR, Set

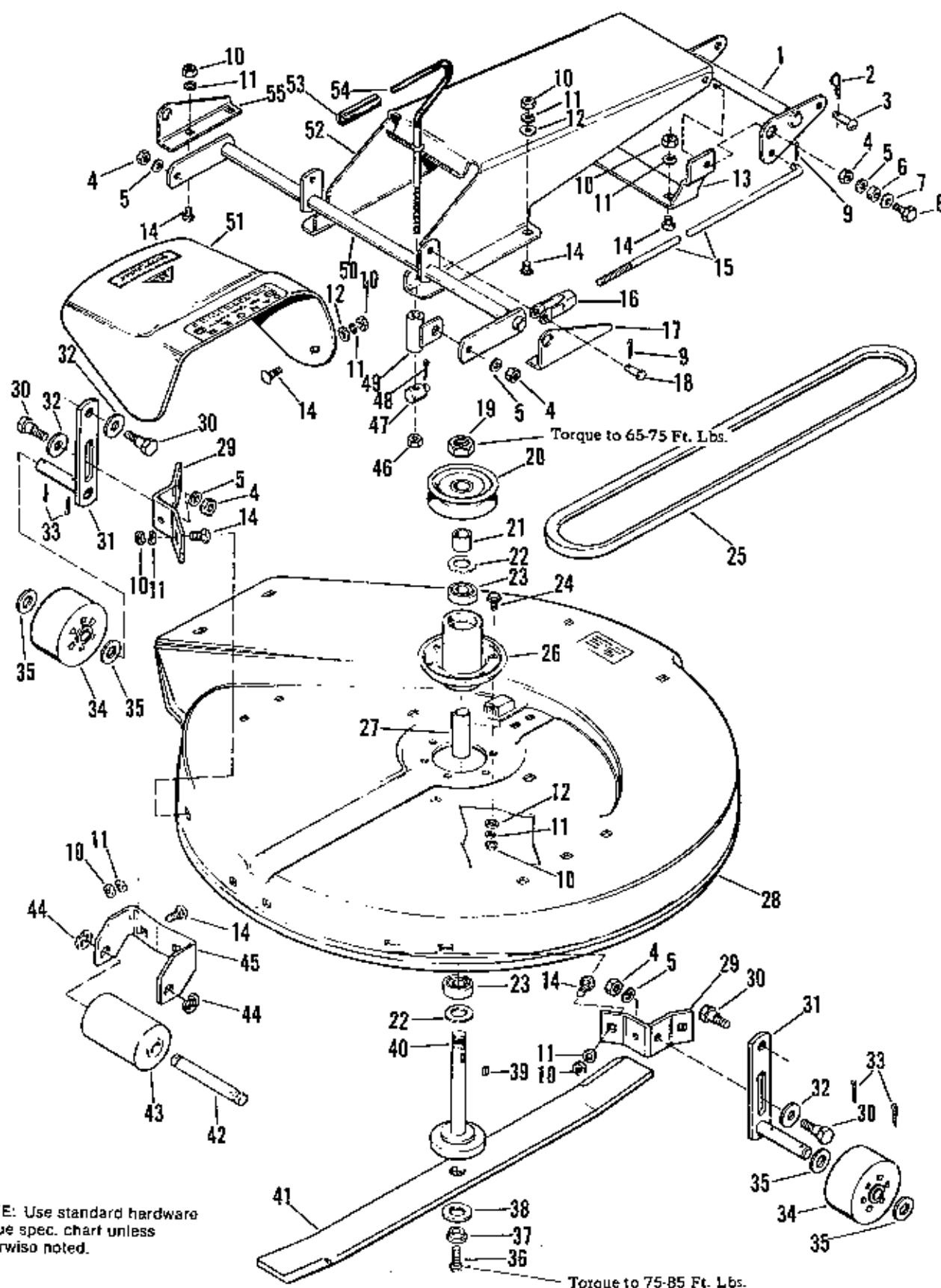


NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Rel. No.	Part No.	Qty.	Description
1	927375	1	BOLT, Carriage, 1/2-13 x 8
2	176749	1	BRACKET ASSY., P.T.O.
3	930644	1	LOCKNUT, 1/2-13
4	923701	2	CAPSCREW, Hex Hd., 3/8-16 x 2
5	157424	4	WASHER, Special
6	175954	2	PULLEY
7	176913	2	GUIDE, Belt
8	930645	2	NUT, Hex, Flange, 3/8-16
9	928731	1	LOCKNUT, Jam, 3/8-16
10	172038	1	KNOB
11	929000	2	SCREW, Taptite, 1/4-20 x 3/8
12	176868	1	CONTROL, Throttle
13	106681	1	SPRING
*14	919319	2	CAPSCREW, Hex Hd., 5/16-18 x 7/8
*15	176964	1	GUIDE, Belt
*16	923362	2	LOCKNUT, Hex, 5/16-18
17	176451	1	BELT, V
*18	158499	2	STOP, Belt
**19	1650858	1	STOP, Belt
**20	1650859	1	STOP, Belt

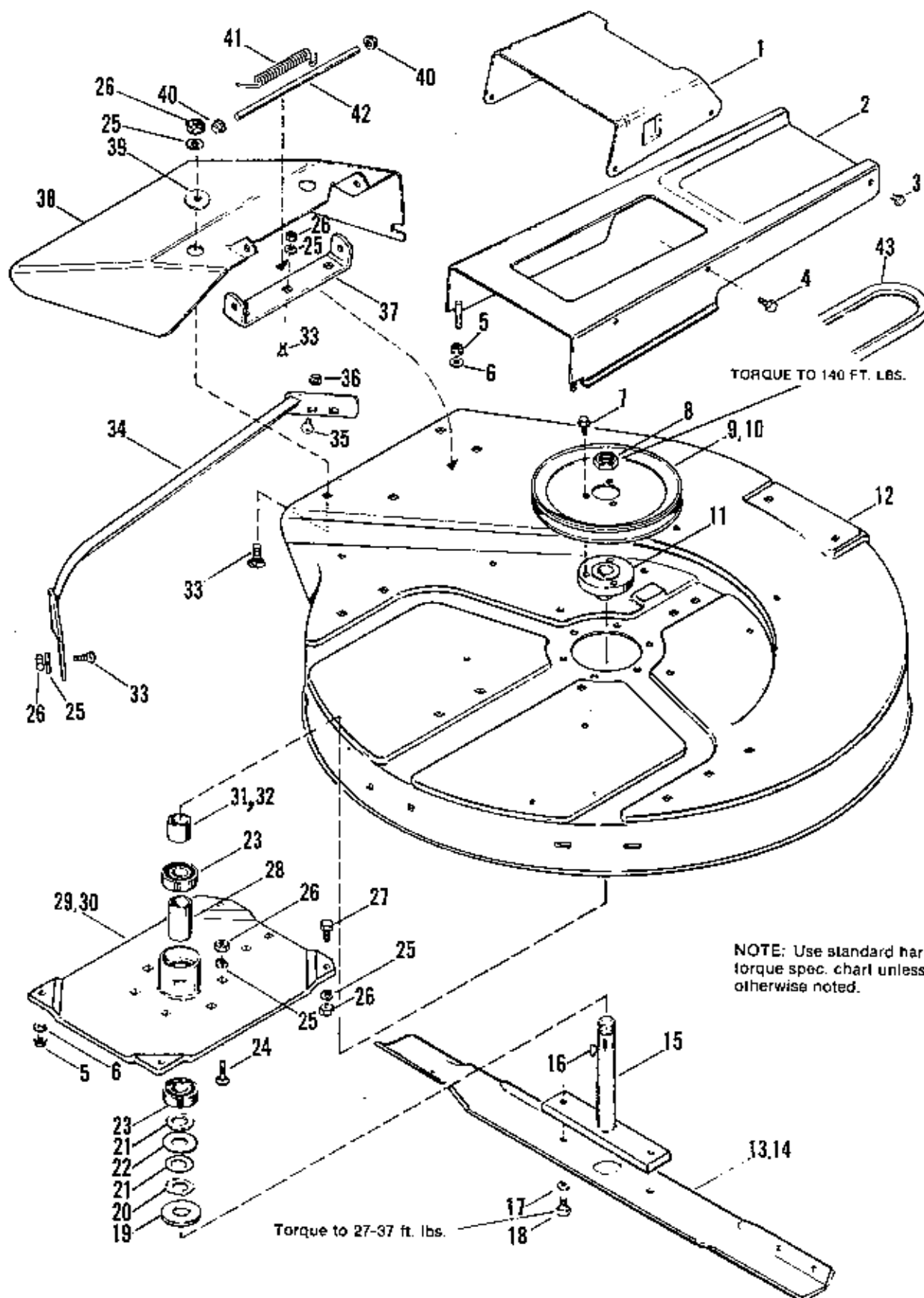
*Used on Mfg. No. 990963, 990998 & 991000.

**Used on Mfg. No. 1690012.



Ref. No.	Part No.	Qty.	Description
1	176763	1	BELLCRANK ASSY.
2	176012	2	CLIP, Safety
3	106249	2	PIN
4	916960	6	NUT, Hex, Full, 3/8-16
5	916965	6	LOCKWASHER, 3/8
6	153081	2	SPACER
7	917378	2	WASHER, Plain, 3/8
8	921210	2	CAPSCREW, Hex Hd., 3/8-16 x 1
9	918447	4	PIN, Cotter, 3/32 x 3/4
10	917372	25	NUT, Hex, Full, 5/16-18
11	917356	25	LOCKWASHER, 5/16
12	917642	13	WASHER, Plain, 5/16
13	176737	1	BRACKET
14	930685	19	BOLT, Carriage, 5/16-18 x 5/8
15	176768	1	ROD, Adjusting
16	108157	2	CLEVIS
17	176770	1	BRACKET, Pivot, R.H.
18	923087	2	PIN
*19	922133	1	LOCKNUT, Jam, 3/4-16
*20	174910	1	PULLEY
*21	1653481	1	SPACER
*22	108472	2	WASHER
*23	108202	2	BEARING, Ball
*24	921332	6	CAPSCREW, Hex Hd., 5/16-18 x 3/4
25	174911	1	BELT, V
*26	1655073	1	TUBE ASSY., Arbor W/Bearings
27	1602265	1	SPACER
28	1602181	1	HOUSING, 26"
29	1602211	2	BRACKET, Roller Support
30	172622	4	BOLT, Shoulder
31	1607603	2	SUPPORT ASSY., Roller
32	918430	3	WASHER, Plain, 7/16
33	918458	4	PIN, Cotter, 3/16 x 1
34	1655098	2	ROLLER ASSY.
35	919387	4	WASHER, Plain, 5/8
36	1605933	1	CAPSCREW, Hex Hd., 1/2-20 x 1, L.H. Thd.
37	1605745	1	WASHER, Shoulder
38	1605746	1	WASHER, Belleville
39	918312	1	KEY, Woodruff, #61
*40	174603	1	ARBOR ASSY.
41	1607534	1	BLADE, 26"
42	1603205	1	SHAFT, Center Roller
43	109431	1	ROLLER ASSY.
44	1602155	2	RING, Retaining
45	1603204	1	BRACKET, Roller, Center
46	930651	1	LOCKNUT, Hex, 3/8-16
47	108172	1	PIVOT
48	922000	1	PIN, Cotter, 3/32 x 5/8
49	176777	1	GUIDE ASSY., Rod
50	176765	1	LEVER ASSY.
51	174820	1	DEFLECTOR
52	176736	1	COVER, Belt
53	176985	1	GRIP, Handle
54	176775	1	HANDLE
55	176769	1	BRACKET, Pivot, L.H.

*All parts are included in Arbor Assy. Kit 103288 for service only.



Ref. No.	Part No.	Qty.	Description
1	176791	1	COVER, Upper
2	1609032	1	COVER ASSY., Lower
3	928730	2	CAPSCREW, Hex Hd., 3/8-16 x 1/2
4	927428	2	SCREW, Tapite, 1/4-20 x 3/8
5	923362	4	LOCKNUT, Hex, 5/16-18
6	917642	4	WASHER, Plain, 5/16
7	177392	3	SCREW, Thd. Forming, 3/8-16 x 3/4
8	922133	1	LOCKNUT, Jam, 3/4-16
****9	175941	1	PULLEY
***10	1608859	1	PULLEY
11	1651404	1	HUB, Pulley
12	1608351	1	HOUSING, Mower, 30"
*13	176839	1	BLADE, 30"
**14	1651297	1	BLADE, 30"
15	1651293	1	ARBOR ASSY.
16	918312	1	KEY, Woodruff, #61
17	916965	2	LOCKWASHER, 3/8
18	923485	2	CAPSCREW, Hex Hd., 3/8-16 x 7/8
19	108182	1	WASHER
20	108181	1	WASHER
21	108472	2	WASHER
22	108257	1	WASHER
23	108202	2	BEARING, Ball
24	921158	6	BOLT, Carriage, 5/16-18 x 1
25	917356	15	LOCKWASHER, 5/16
26	917372	15	NUT, Hex, Full, 5/16-18
27	921333	2	CAPSCREW, Hex Hd., 5/16-18 x 1
28	176984	1	SPACER
*29	176986	1	TUBE ASSY., Arbor
**30	1651298	1	TUBE ASSY., Arbor
*31	176843	1	SPACER
**32	1651295	1	SPACER
33	920562	6	BOLT, Carriage, 5/16-18 x 3/4
34	1608374	1	GUARD ASSY., Stone
35	923700	2	BOLT, Carriage, 5/16-18 x 1/2
36	928698	2	LOCKNUT, Jam, 5/16-18
37	1608281	1	SUPPORT, Hinge
38	1608357	1	DEFLECTOR
39	8161199	2	WASHER
40	170015	2	PUSHNUT
41	1608348	1	SPRING
42	1608293	1	PIN, Hinge
***43	1608957	1	BELT, V

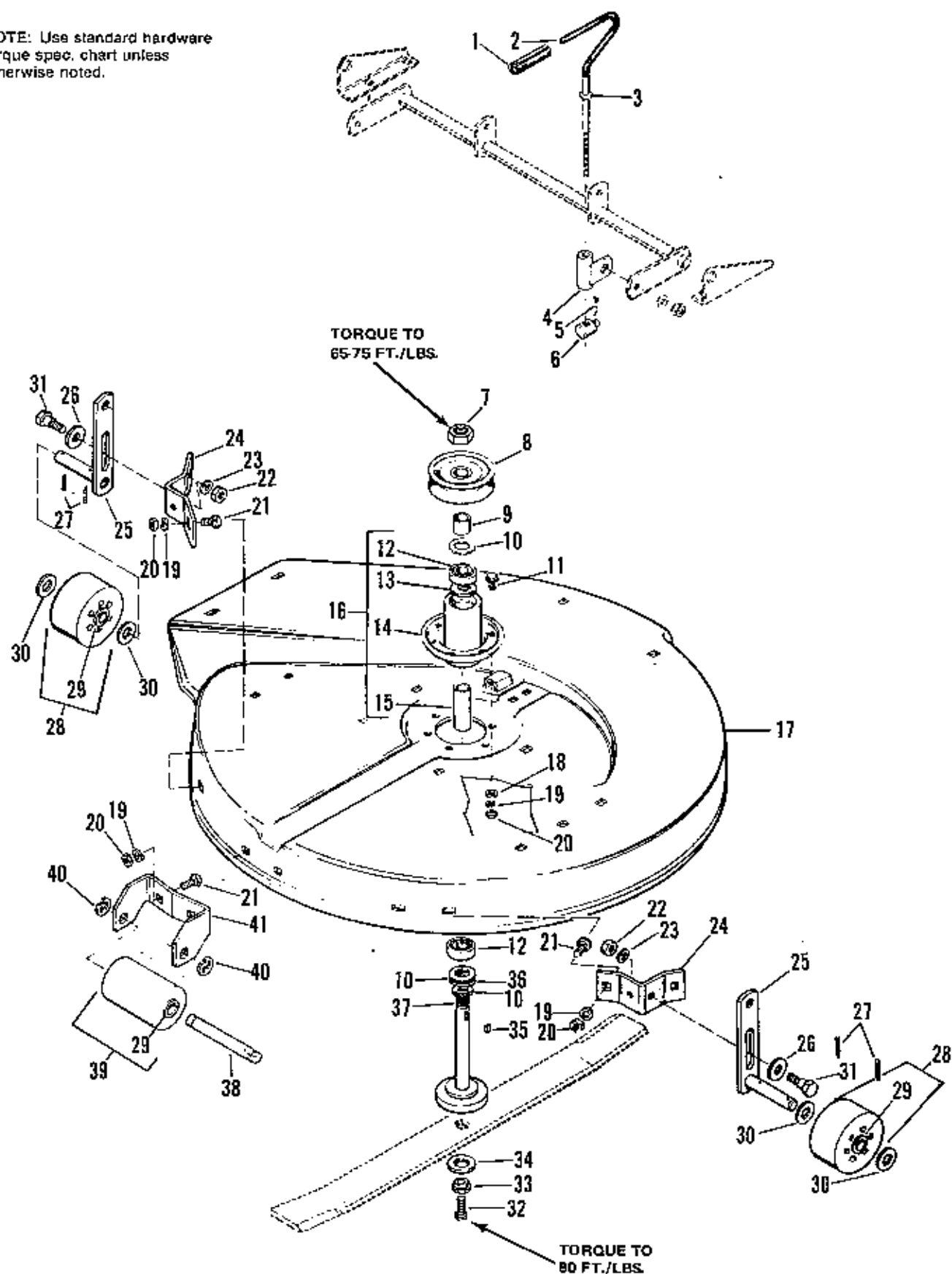
*Used on Mfg. No. 990963, 990998, 991000, 991020.

**Used on Mfg. No. 1690012, 1690128.

***Used on Mfg. No. 991020, 1690128.

****Used on Mfg. No. 990963, 990998, 991000, 1690012.

NOTE: Use standard hardware torque spec. chart unless otherwise noted.

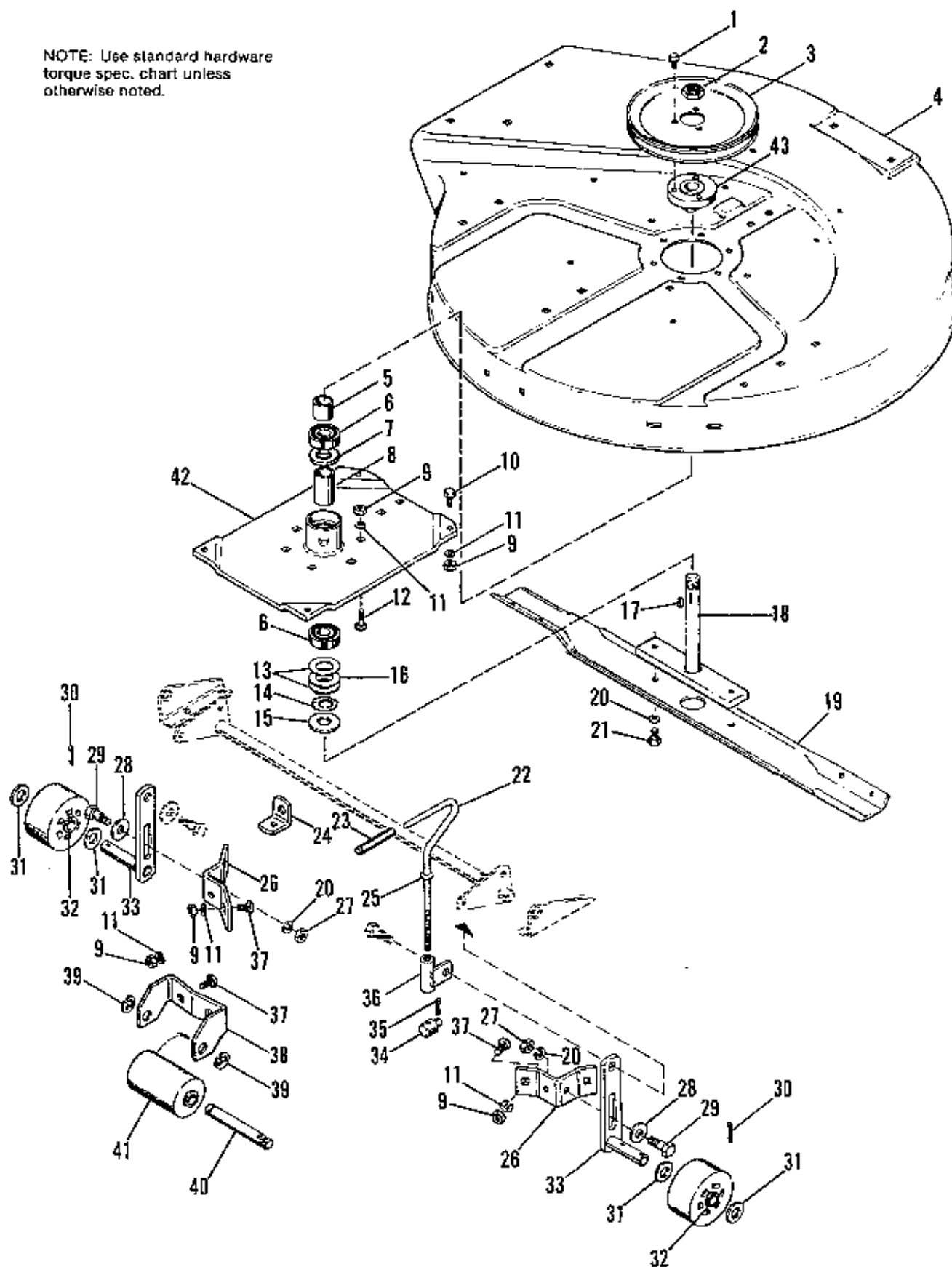


Ref. No.	Part No.	Qty.	Description
1	176985	1	GRIP
2	176775	1	HANDLE, Adjusting
3	924940	1	WASHER, Plain, 3/8
4	176777	1	GUIDE ASSY., Rod
5	918448	1	PIN, Cotter, 3/32 x 1
6	108172	1	PIVOT
7	922133	1	LOCKNUT, Hex, 3/4-16
8	174910	1	PULLEY
9	1653481	1	SPACER
10	108472	3	WASHER
11	921332	6	CAPSCREW, Hex Hd., 5/16-18 x 3/4
12	108202	2	BEARING, Ball
13	108134	1	RING, Backing
**14	103268	1	ARBOR & TUBE ASSY.
15	1602265	1	SPACER
16	1655073	1	TUBE ASSY., W/Bearings
17	1602181	1	HOUSING, 26"
18	917642	6	WASHER, Plain, 5/16
19	917356	12	LOCKWASHER, 5/16
20	917372	12	NUT, Hex, Full, 5/16-18
21	918413	6	BOLT, Carriage, 5/16-18 x 5/8
22	916950	2	NUT, Hex, Full, 3/8-16
23	916965	2	LOCKWASHER, 3/8
24	1602211	2	BRACKET, Roller
25	1607603	2	SHAFT ASSY., Roller
26	918430	2	WASHER, Plain, 7/16
27	918458	4	PIN, Cotter, 3/16 x 1
28	1655098	2	ROLLER ASSY.
29	108419	6	BUSHING
30	919387	4	WASHER, Plain, 5/8
31	172622	2	BOLT, Shoulder
32	1605933	1	CAPSCREW, Hex Hd., 1/2-20 x 1/2
33	1605745	1	WASHER, Shoulder
34	1605746	1	WASHER, Belleville
35	918312	1	KEY, Woodruff, #61
36	108257	1	WASHER
37	174603	1	ARBOR ASSY.
38	1603205	1	SHAFT, Center Roller
39	108431	1	ROLLER ASSY.
40	1602155	2	RING, Retaining
41	1603204	1	BRACKET, Center Roller
*42	1655071	1	ARBOR & HOUSING ASSY.

*Ref. No. 42 includes Ref. Nos. 12-16, 18-20.

**Ref. No. 14 includes Ref. Nos. 8, 10, 15 & 37.

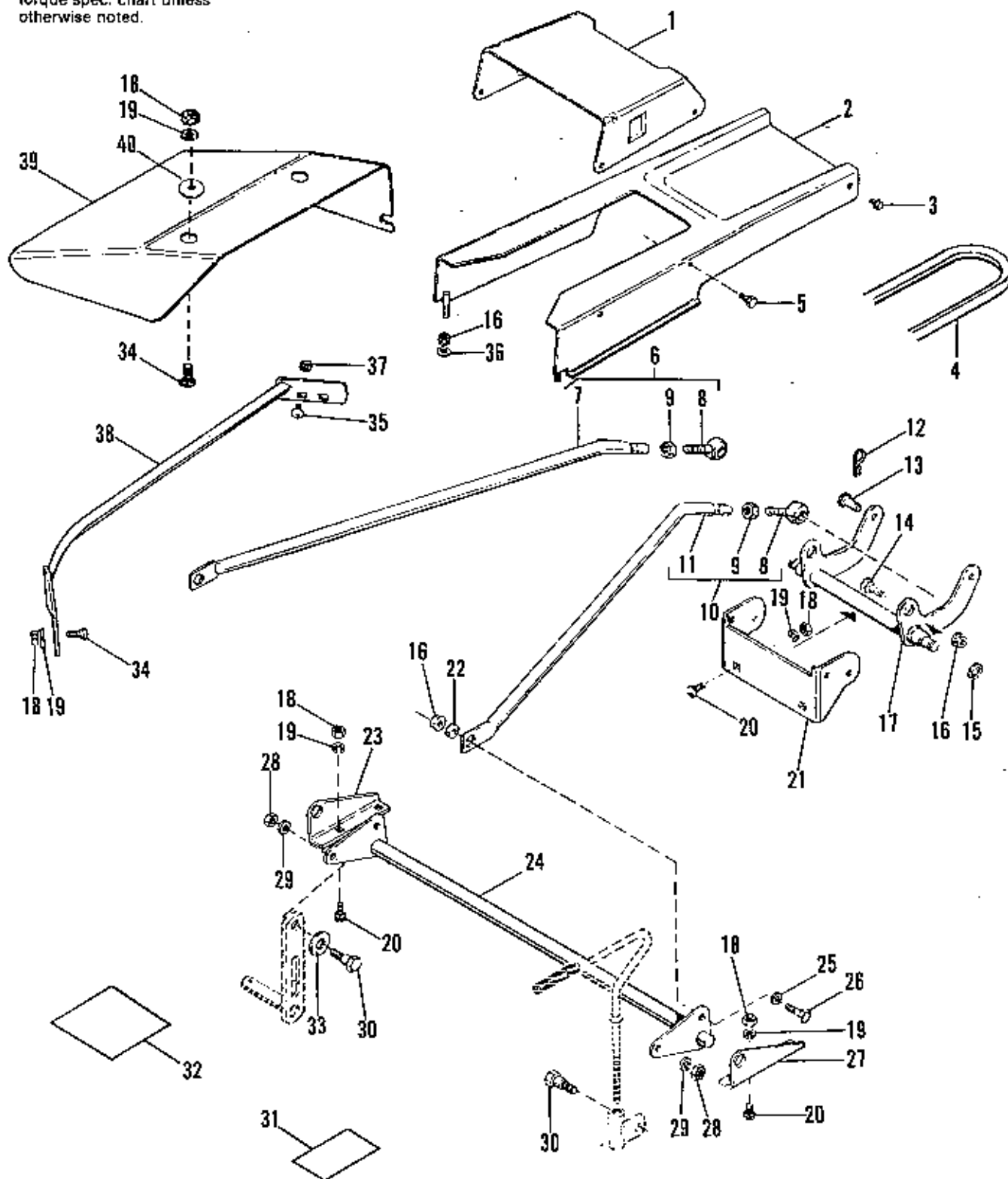
NOTE: Use standard hardware torque spec. chart unless otherwise noted.



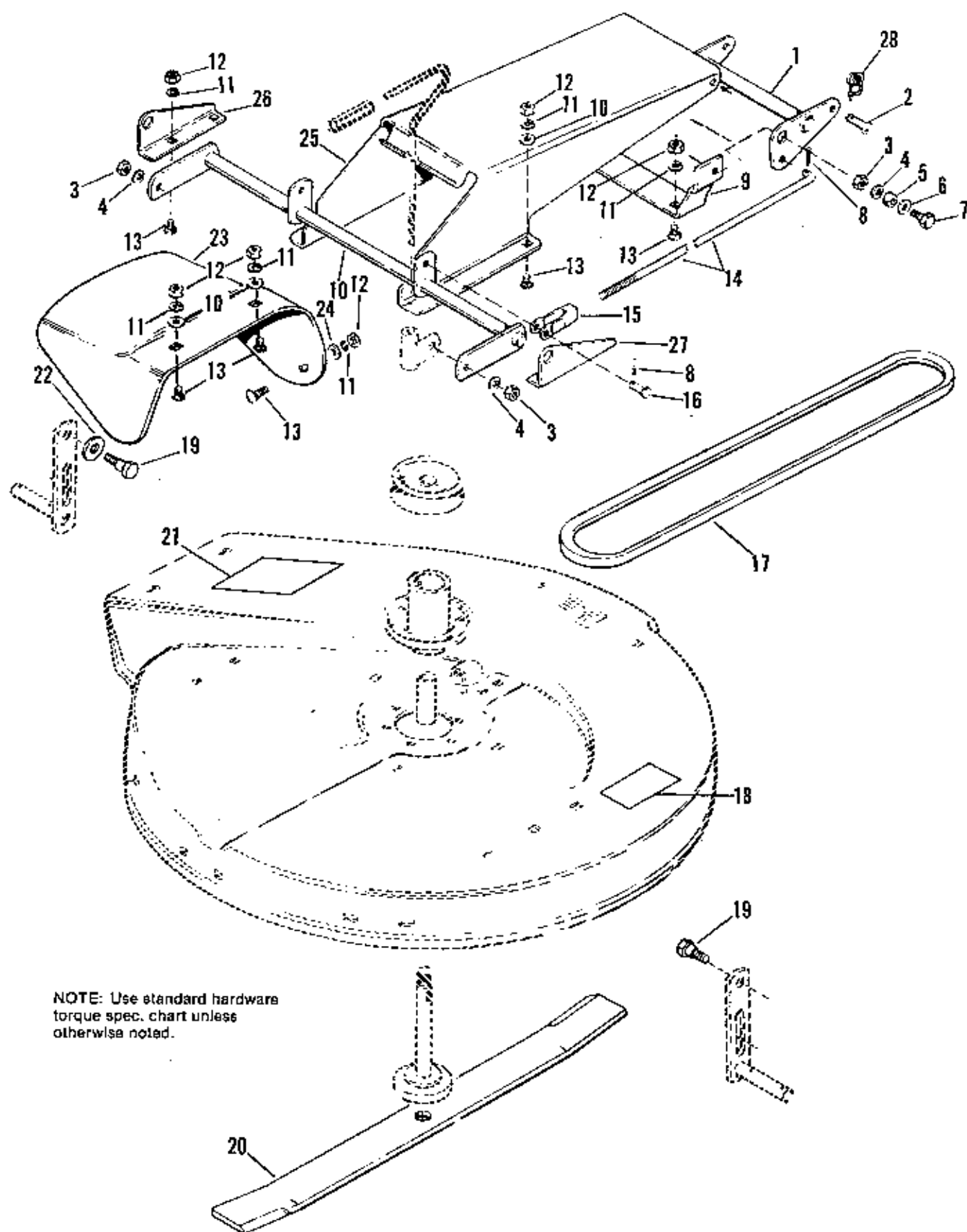
Ref. No.	Part No.	Qty.	Description
1	177932	3	SCREW, Thd. Forming
2	922133	1	LOCKNUT, Hex, 3/4-16
3	1608959	1	PULLEY, Mower
4	1608351	1	HOUSING, 30" Mower
5	1651295	1	SPACER
6	108202	2	BEARING, Ball
7	108134	1	RING, Backing
8	176984	1	SPACER
9	917372	14	NUT, Hex, Full, 5/16-18
10	921333	2	CAPSCREW, Hex Hd., 5/16-18 x 1
11	917356	14	LOCKWASHER, 5/16
12	921158	6	BOLT, Carriage, 5/16-18 x 1
13	108472	2	WASHER
14	108181	1	WASHER
15	108182	1	WASHER
16	108257	1	WASHER
17	918312	1	KEY, Woodruff, #61
18	1651293	1	ARBOR ASSY.
19	1651297	1	BLADE, 30"
20	916965	4	LOCKWASHER, 3/8
21	923490	2	CAPSCREW, Hex Hd., 3/8-16 x 1
22	176775	1	HANDLE, Adjusting
23	176985	1	GRIP, Handle
24	1602446	2	CLIP
25	924940	1	WASHER, Plain, 3/8
26	1602211	2	BRACKET, Roller Support
27	916950	2	NUT, Hex, Full, 3/8-16
28	918430	2	WASHER, Plain, 7/16
29	172622	2	BOLT, Shoulder
30	918458	4	PIN, Cotter, 3/16 x 1
31	919387	4	WASHER, Plain, 5/8
32	1655098	2	ROLLER ASSY.
33	1607603	2	SHAFT ASSY., Roller
34	108172	1	PIVOT
35	918448	1	PIN, Cotter, 3/32 x 1
36	176777	1	GUIDE ASSY., Rod
37	930685	6	BOLT, Carriage, 5/16-18 x 5/8
38	1603204	1	BRACKET, Center Roller
39	1602155	2	RING, Retaining
40	1603205	1	SHAFT, Center Roller
41	108431	1	ROLLER ASSY.
42	1651298	1	TUBE ASSY., Arbor
43	1651404	1	HUB, Pulley

NOTE: For service of mower arbor order Kit No. 1685006.

NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.



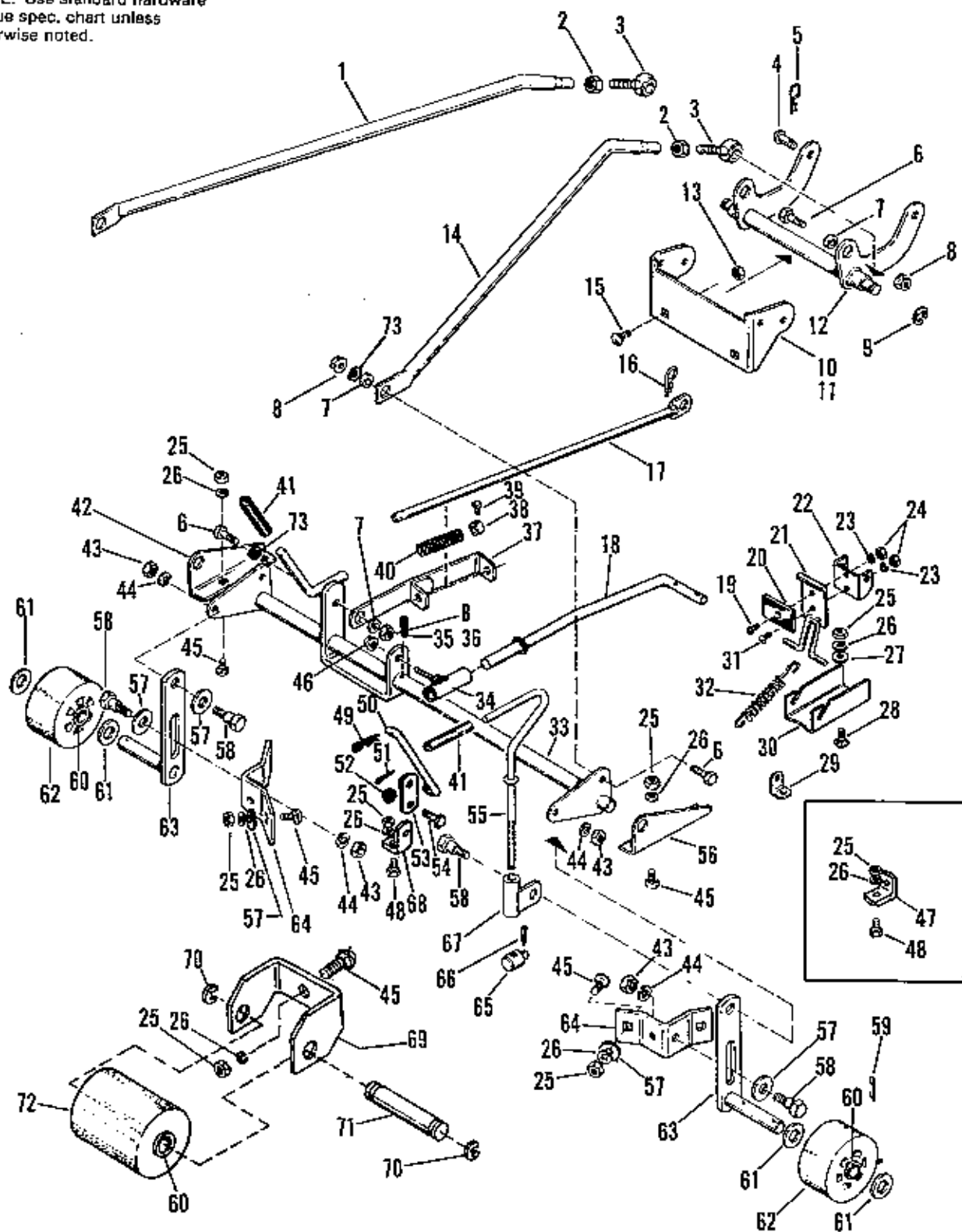
Ref. No.	Part No.	Qty.	Description
1	176791	1	COVER, Upper
2	1609032	1	COVER ASSY., Lower
3	928730	2	SCREW, Hex, Washer Hd., Taptite, 3/8-16 x 1/2
4	1609957	1	BELT, V
5	929000	2	SCREW, Hex, Washer Hd., Taptite, 1/4-20 x 3/8
6	1652861	1	ARM ASSY., Adjusting, R.H.
7	176736	1	ARM, Adjusting, R.H.
8	157215	2	EYEBOLT
9	919262	2	LOCKNUT, Jam, 1/2-20
10	1652862	1	ARM ASSY., Adjusting, L.H.
11	175942	1	ARM, Adjusting, L.H.
12	106788	2	SPRING, Clip
13	156306	2	PIN
14	108711	2	BOLT, Shoulder
15	158399	2	RING, Retaining
16	930651	4	LOCKNUT, Hex, 3/8-16
17	1608947	1	ARM ASSY., Link
18	917372	10	NUT, Hex, Full, 5/16-18
19	917356	10	LOCKWASHER, 5/16
20	930685	6	BOLT, Carriage, 5/16-18 x 5/8
21	1608940	1	BRACKET, Mower
22	153081	2	SPACER
23	176769	1	BRACKET, Pivot, L.H.
24	1608949	1	ARM ASSY., Control
25	917378	2	WASHER, Plain, 3/8
26	921210	2	CAPSCREW, Hex Hd., 3/8-16 x 1
27	176770	1	BRACKET, Pivot, R.H.
28	916950	2	NUT, Hex, Full, 3/8-16
29	916955	2	LOCKWASHER, 3/8
30	172622	2	BOLT, Shoulder
31	1656856	1	DECAL, Danger
32	1656857	1	DECAL, Danger
33	918430	1	WASHER, Plain, 7/16
34	920562	3	BOLT, Carriage, 5/16-18 x 3/4
35	923700	2	BOLT, Carriage, 5/16-18 x 1/2
36	917642	4	WASHER, Plain, 5/16
37	928698	2	LOCKNUT, Jam, 5/16-18
38	1608374	1	GUARD ASSY., Stone
39	1651492	1	DEFLECTOR
40	8161199	2	WASHER



NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.

Rel. No.	Part No.	Qty.	Description
1	176763	1	BELLCRANK ASSY.
2	105249	2	PIN
3	916950	4	NUT, Hex, Full, 3/8-16
4	916965	4	LOCKWASHER, 3/8
5	153081	2	SPACER
6	917378	2	WASHER, Plain, 3/8
7	921210	2	CAPSCREW, Hex Hd., 3/8-16 x 1
8	918448	4	PIN, Cotter, 3/32 x 1
9	176737	1	BRACKET
10	917642	3	WASHER, Plain, 5/16
11	917356	13	LOCKWASHER, 5/16
12	917372	13	NUT, Hex, Full, 5/16-18
13	919413	13	BOLT, Carriage, 5/16-18 x 5/8
14	176768	1	ROD, Height Adjusting
15	108157	1	CLEVIS, Adjusting
16	923087	2	PIN, Yoke, 3/8
17	174911	1	BELT, V
18	1656856	1	DECAL, Danger
19	1602186	2	BOLT, Shoulder
20	1607534	1	BLADE, Mower
21	1656857	1	DECAL, Danger
22	918430	2	WASHER, Plain, 7/16
23	174820	1	DEFLECTOR
24	176765	1	LEVER ASSY.
25	176738	1	COVER, Belt
26	176769	1	BRACKET, Pivot, L.H.
27	176770	1	BRACKET, Pivot, R.H.
28	176012	2	PIN, Safety

NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.



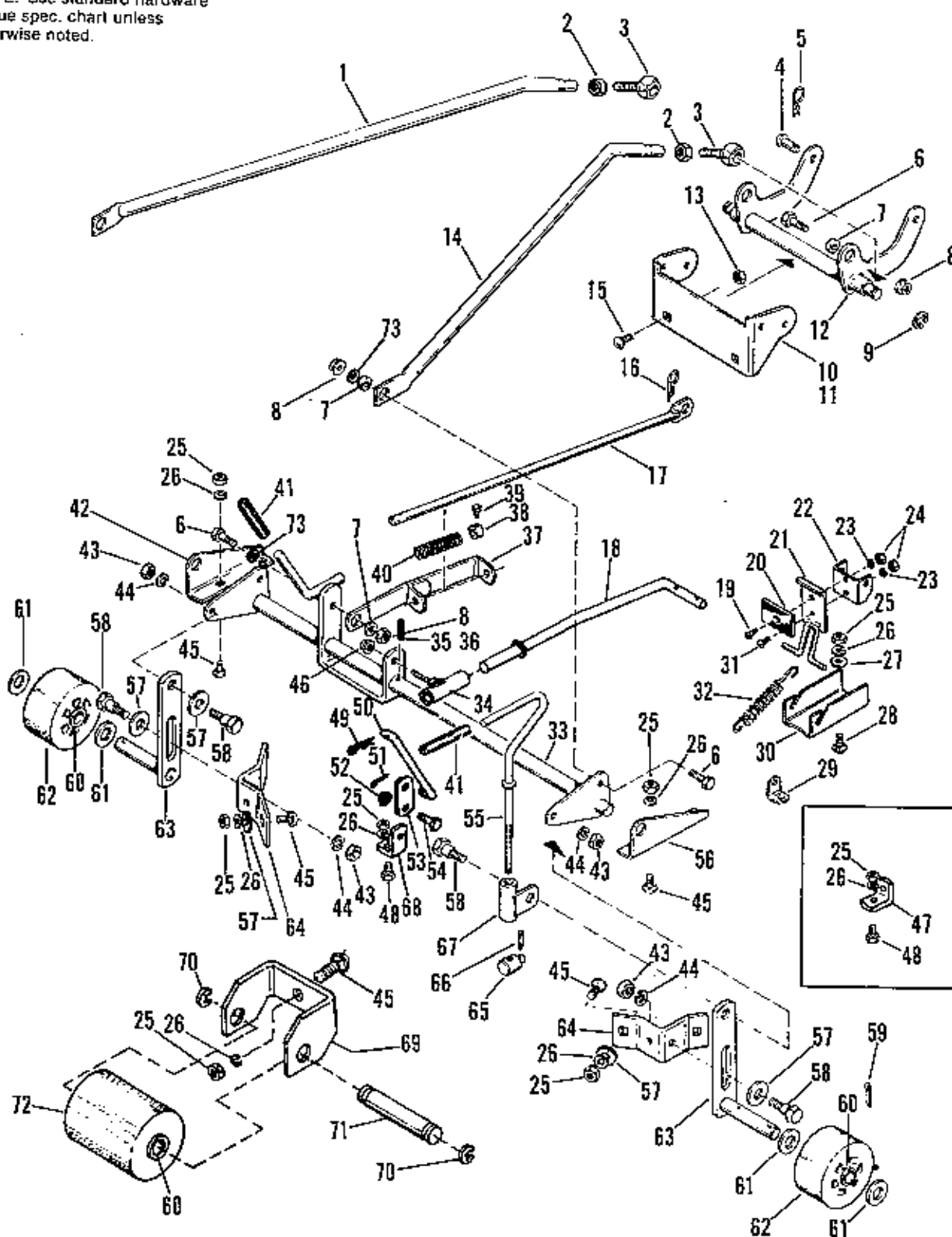
Ref. No.	Part No.	Qty.	Description
1	175942	1	ARM, Adjusting, L.H.
2	919262	2	LOCKNUT, Jam, 1/2-20
3	157215	2	EYEBOLT
4	156306	2	PIN
5	106768	2	CLIP, Spring
6	921210	5	CAPSCREW, Hex Hd., 3/8-16 x 1
7	153081	5	SPACER
8	930645	5	NUT, Hex, Flange, 3/8-16
9	158399	2	RING, Retaining
*10	176788	1	BRACKET, Mower, Front
**11	1608940	1	BRACKET, Mower, Front
12	175935	1	ARM ASSY., Rocker
13	927557	2	NUT, Hex, Flange, 5/16-18
14	176736	1	ARM, Adjusting, R.H.
15	930591	2	SCREW, Hex, Whizlock, 5/16-18 x 3/4
16	918196	1	CLIP, Spring
17	176874	1	ROD ASSY., Clutch
18	178547	1	ROD, Brake
19	926267	1	SCREW, Flat Hd., Mach., #10-24 x 1/2
20	1610590	1	SHEAVE, Brake
21	176783	1	SUPPORT ASSY., Brake
22	176785	1	ANCHOR, Rod, Brake
23	917365	2	LOCKWASHER, #10
24	916621	2	NUT, Hex, Full, #10-24
25	917372	13	NUT, Hex, Full, 5/16-18
26	917356	13	LOCKWASHER, 5/16
27	917842	2	WASHER, Plain, 5/16
28	921158	2	BOLT, Carriage, 5/16-18 x 1
29	1602446	2	ANCHOR, Spring
30	1607989	1	BRACKET, Pivot
31	916080	1	SCREW, Rd. Hd., Mach., #10-24 x 1/2
32	1602894	2	SPRING
33	175943	1	ARM ASSY., Control
34	178548	1	GUIDE ASSY., Rod
**35	918111	2	PIN, Roll, 1/8 x 1
*36	918453	2	PIN, Cotter, 1/8 x 1-1/4

*Used on Mfg. No. 990998 & 991000

**Used on Mfg. No. 1690012.

NOTE: Parts Ref. No. 37-73 are on following page.

NOTE: Use standard hardware torque spec. chart unless otherwise noted.



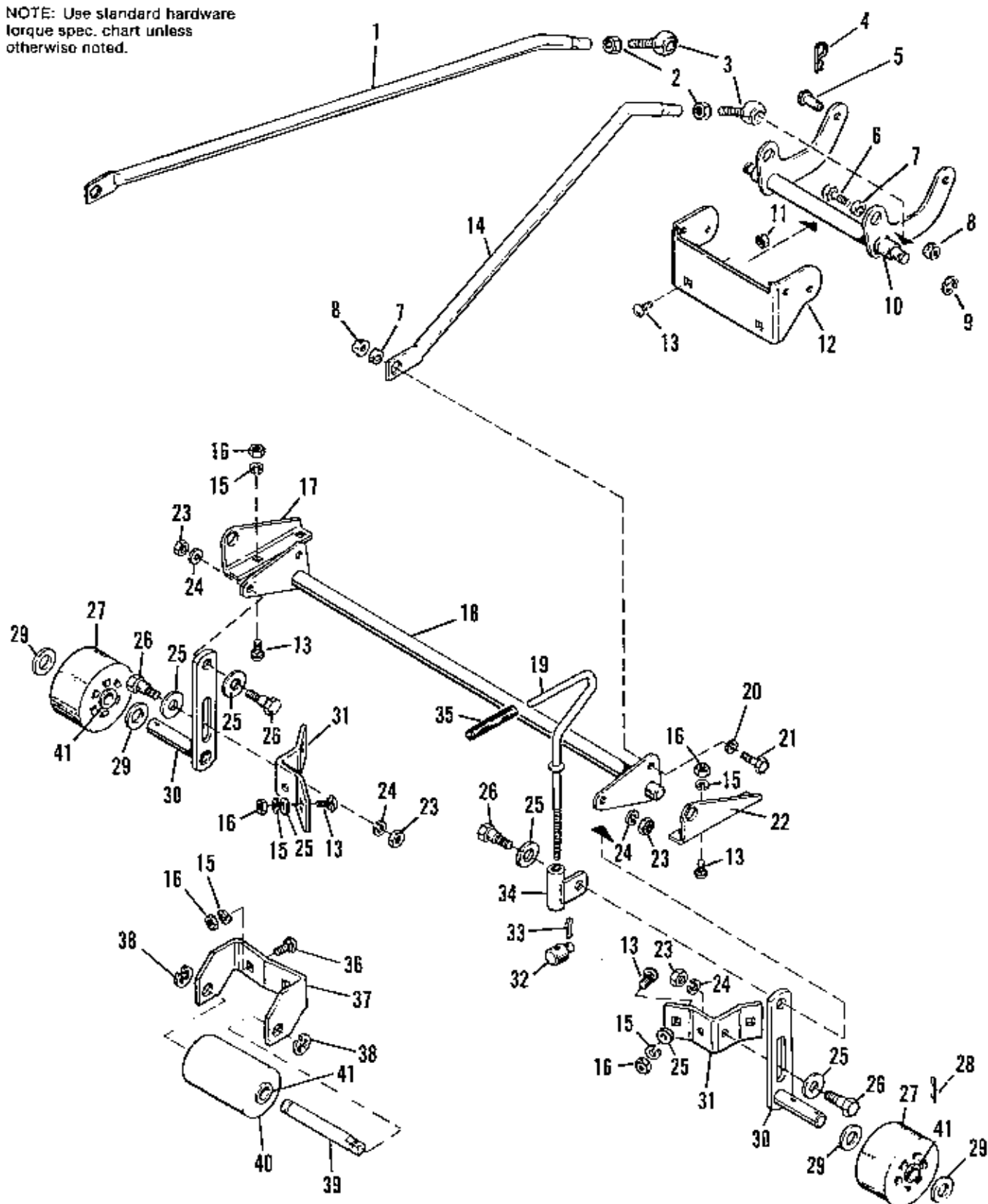
Ref. No.	Part No.	Qty.	Description
37	176743	1	GUIDE ASSY., Rod
38	105201	1	COLLAR, Set
39	928804	1	SETSCREW, 1/4-20 x 3/8
40	162065	1	SPRING
41	176985	2	GRIP, Handle
42	176769	1	BRACKET, Pivot, L.H.
43	916950	4	NUT, Hex, Full, 3/8-16
44	916965	4	LOCKWASHER, 3/8
45	930685	10	BOLT, Carriage, 5/16-18 x 5/8 (Qty. 8 on 990998 & 991000)
46	930651	1	LOCKNUT, Hex, 3/8-16
*47	122052	1	BRACKET
48	925205	1	CAPSCREW, Hex Hd., 5/16-18 x 5/8
**49	106787	1	CLIP, Hair Pin
**50	1650645	1	ROD
**51	922000	1	PIN, Cotter, 3/32 x 5/8
**52	923362	1	LOCKNUT, Hex, 5/16-18
**53	108199	1	LINK
**54	921332	1	CAPSCREW, Hex Hd., 5/16-18 x 3/4
55	176775	1	HANDLE
56	176770	1	BRACKET, Pivot, R.H.
57	918430	6	WASHER, Plain, 7/16
58	172622	4	BOLT, Shoulder
59	918458	4	PIN, Cotter, 3/16 x 1
60	108419	6	BUSHING
61	919387	4	WASHER, Plain, 5/8
62	1603206	2	ROLLER ASSY.
63	1607603	2	SUPPORT ASSY., Roller
64	1602211	2	SUPPORT, Bracket, Roller
65	108172	1	PIVOT
66	918448	1	PIN, Cotter, 3/32 x 1
67	176777	1	GUIDE ASSY., Rod
68	1650140	1	BRACKET
69	1603204	1	BRACKET, Center Roller
70	1602155	2	RING, Snap
71	1603205	1	SHAFT
72	108431	1	ROLLER ASSY.
**73	917378	5	WASHER, Plain, 3/8

*Used on Mfg. No. 990998 & 991000.

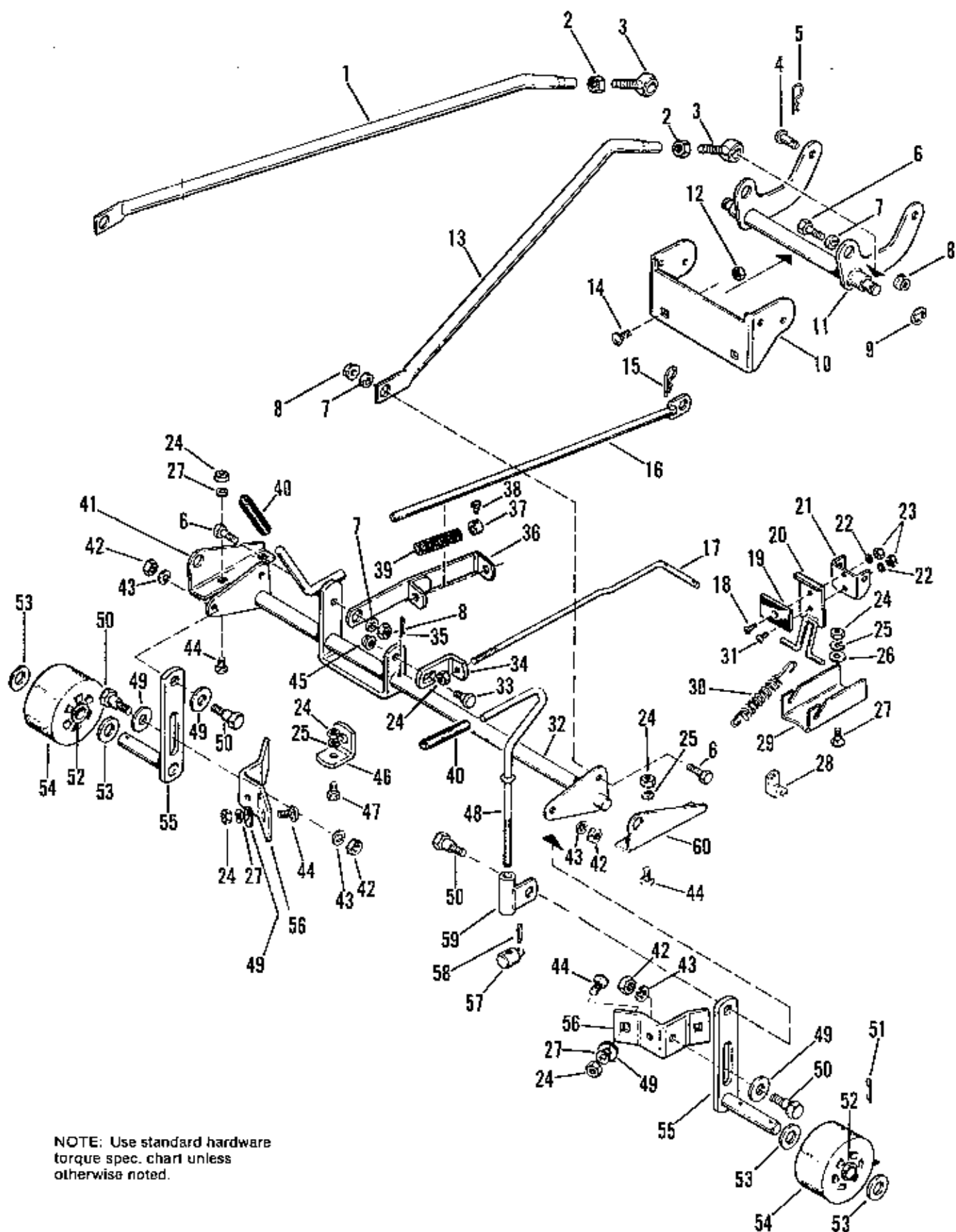
**Used on Mfg. No. 1690012.

NOTE: Parts Ref. Nos. 1-36 are on preceding page.

NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.

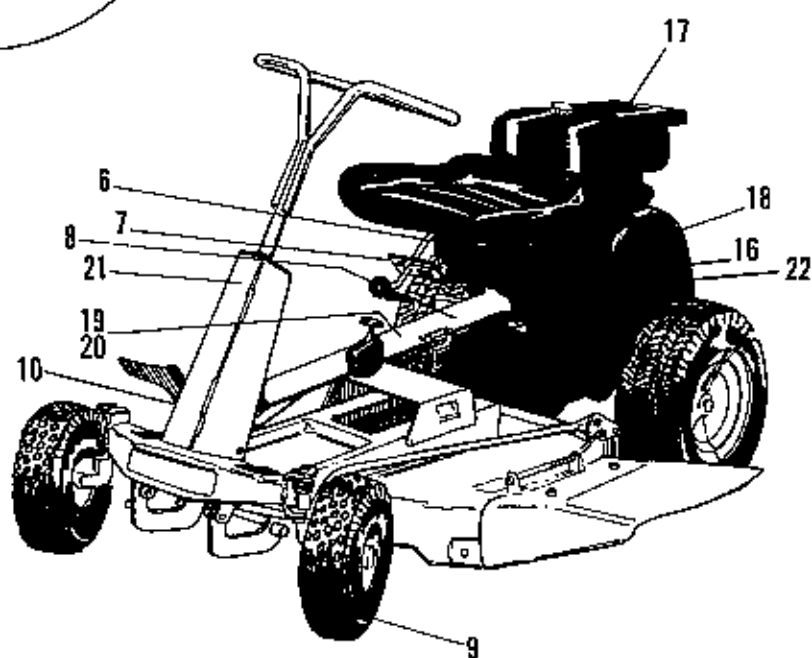
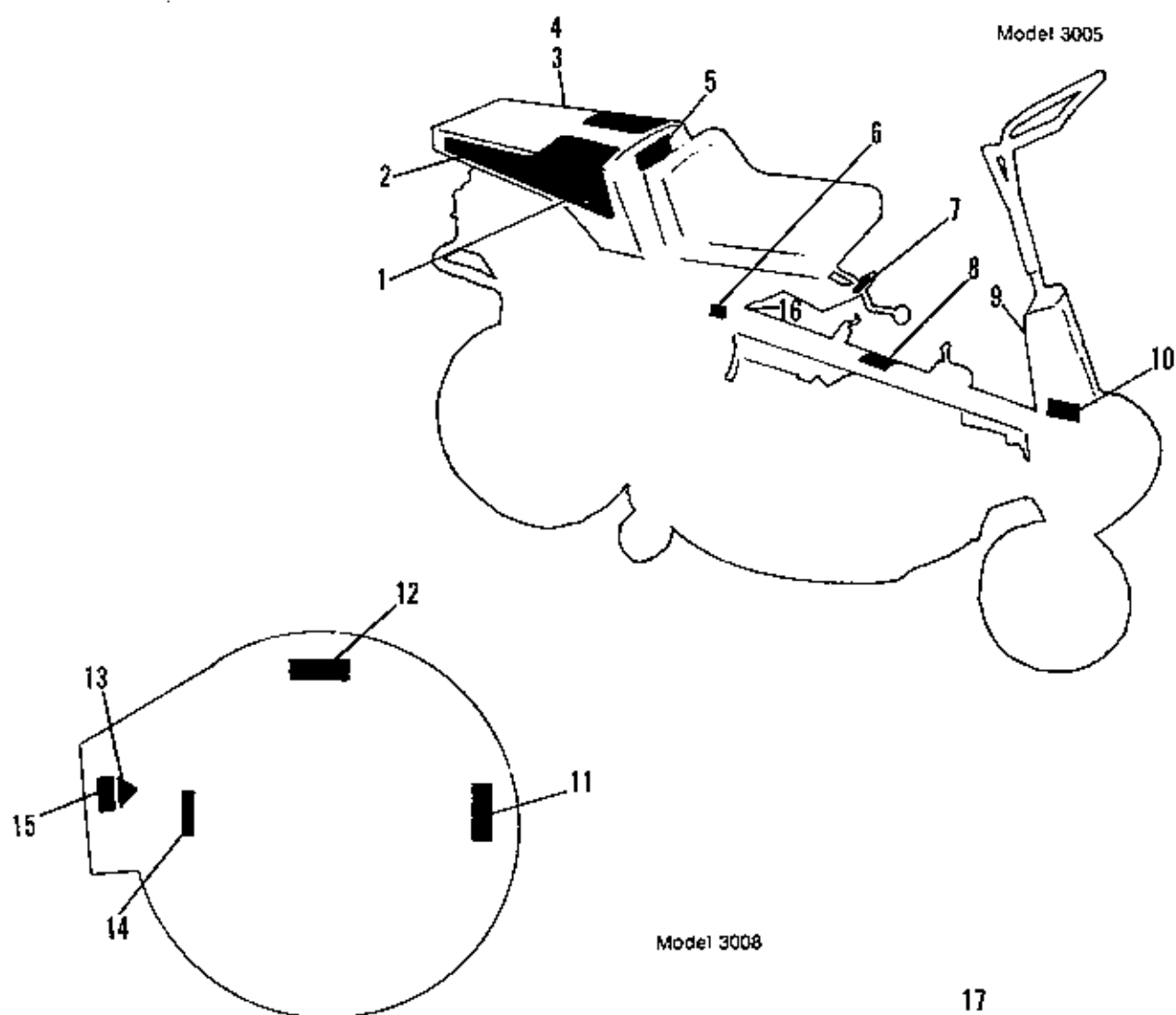


Ref. No.	Part No.	Qty.	Description
1	175942	1	ARM, Adjusting, L.H.
2	919262	2	LOCKNUT, Jam, 1/2-20
3	157215	2	EYEBOLT
4	106788	2	CLIP, Hair Pin
5	156306	2	PIN
6	108711	2	BOLT, Shoulder
7	153081	4	SPACER
8	930651	4	LOCKNUT, Hex, 3/8-16
9	158399	2	RING, Retaining
10	1608947	1	ARM ASSY., Link
11	927577	2	NUT, Hex, Flange, 5/16-18
12	1608940	1	BRACKET, Front, Mower
13	930685	10	BOLT, Carriage, 5/16-18 x 5/8
14	176736	1	ARM, Adjusting, R.H.
15	917356	12	LOCKWASHER, 5/16 (Qty. 10 used on 991020)
16	917372	12	NUT, Hex, Full, 5/16-18 (Qty. 10 used on 991020)
17	176769	1	BRACKET, Pivot, L.H.
18	1608949	1	ARM ASSY.
19	176775	1	HANDLE
20	917378	4	WASHER, Plain, 3/8
21	921210	2	CAPSCREW, Hex Hd., 3/8-16 x 1
22	176770	1	BRACKET, Pivot, R.H.
23	916950	4	NUT, Hex, Full, 3/8-16
24	916965	4	LOCKWASHER, 3/8
25	918430	6	WASHER, Plain, 7/16
26	172622	4	BOLT, Shoulder
27	1655098	2	ROLLER ASSY.
28	918458	4	PIN, Cotter, 3/16 x 1
29	919387	4	WASHER, Plain, 5/8
30	1607603	2	SUPPORT ASSY., Roller
31	1602211	2	BRACKET, Support, Roller
32	108172	1	PIVOT
33	918448	1	PIN, Cotter, 3/32 x 1
34	176777	1	GUIDE ASSY., Rod
35	176985	1	GRIP
36	925562	2	BOLT, Carriage, 5/16-18 x 3/4
37	1603204	1	BRACKET, Center, Roller
38	1602155	2	RING, Retaining
39	1603205	1	SHAFT, Roller, Center
40	108431	1	ROLLER ASSY.
41	108419	6	BUSHING



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Ref. No.	Part No.	Qty.	Description
1	175942	1	ARM, Adjusting, L.H.
2	919262	2	LOCKNUT, Jam, 1/2-20
3	157215	2	EYEBOLT
4	156306	2	PIN
5	106788	2	CLIP, Spring
6	921210	5	CAPSCREW, Hex Hd., 3/8-16 x 1
7	153081	4	SPACER
8	930645	5	NUT, Hex, Flange, 3/8-16
9	158399	2	RING, Retaining
10	176788	1	BRACKET, Mower, Front
11	175935	1	ARM ASSY., Rocker
12	927557	2	NUT, Hex, Flange, 5/16-18
13	175736	1	ARM, Adjusting, R.H.
14	930591	2	SCREW, Hex, Whitlock, 5/16-18 x 3/4
15	918196	1	PIN, Quick
16	176874	1	ROD ASSY., Clutch
17	176742	1	ROD, Brake
18	926267	1	SCREW, Mach., Flat Hd., #10-24 x 1/2
19	1610590	1	SHEAVE, Brake
20	176783	1	SUPPORT ASSY., Brake
21	176785	1	ANCHOR, Brake Rod
22	917365	2	LOCKWASHER, #10
23	916621	2	NUT, Hex, Full, #10-24
24	917372	12	NUT, Hex, Full, 5/16-18
25	917356	10	LOCKWASHER, 5/16
26	917642	2	WASHER, Plain, 5/16
27	921158	2	BOLT, Carriage, 5/16-18 x 1
28	1602446	2	ANCHOR, Spring
29	1607989	1	BRACKET, Pivot
30	1602694	2	SPRING
31	916080	1	SCREW, Mach., Rd. Hd., #10-24 x 1/2
32	175943	1	ARM ASSY., Control
33	108711	1	BOLT, Shoulder
34	176739	1	BRACKET, Brake Adjusting
35	918453	2	PIN, Cotter, 1/8 x 1-1/4
36	176743	1	GUIDE ASSY., Rod
37	105201	1	COLLAR, Set
38	928804	1	SETSCREW, 1/4-20 x 3/8
39	162065	1	SPRING
40	176985	2	GRIP
41	176769	1	BRACKET, Pivot, L.H.
42	916960	4	NUT, Hex, Full, 3/8-16
43	916965	4	LOCKWASHER, 3/8
44	930685	8	BOLT, Carriage, 5/16-18 x 5/8
45	930651	1	LOCKNUT, Hex, 3/8-16
46	122052	1	BRACKET
47	925205	1	CAPSCREW, Hex Hd., 5/16-18 x 5/8
48	176775	1	HANDLE
49	918430	6	WASHER, Plain, 7/16
50	172622	4	BOLT, Shoulder
51	918458	4	PIN, Cotter, 3/16 x 1
52	108419	4	BUSHING
53	919387	4	WASHER, Plain, 5/8
54	1603206	2	ROLLER ASSY.
55	1607603	2	SUPPORT ASSY., Roller
56	1602211	2	SUPPORT, Bracket, Roller
57	108172	1	PIVOT
58	918448	1	PIN, Cotter, 3/32 x 1
59	176777	1	GUIDE ASSY., Rod
60	176770	1	BRACKET, Pivot, R.H.

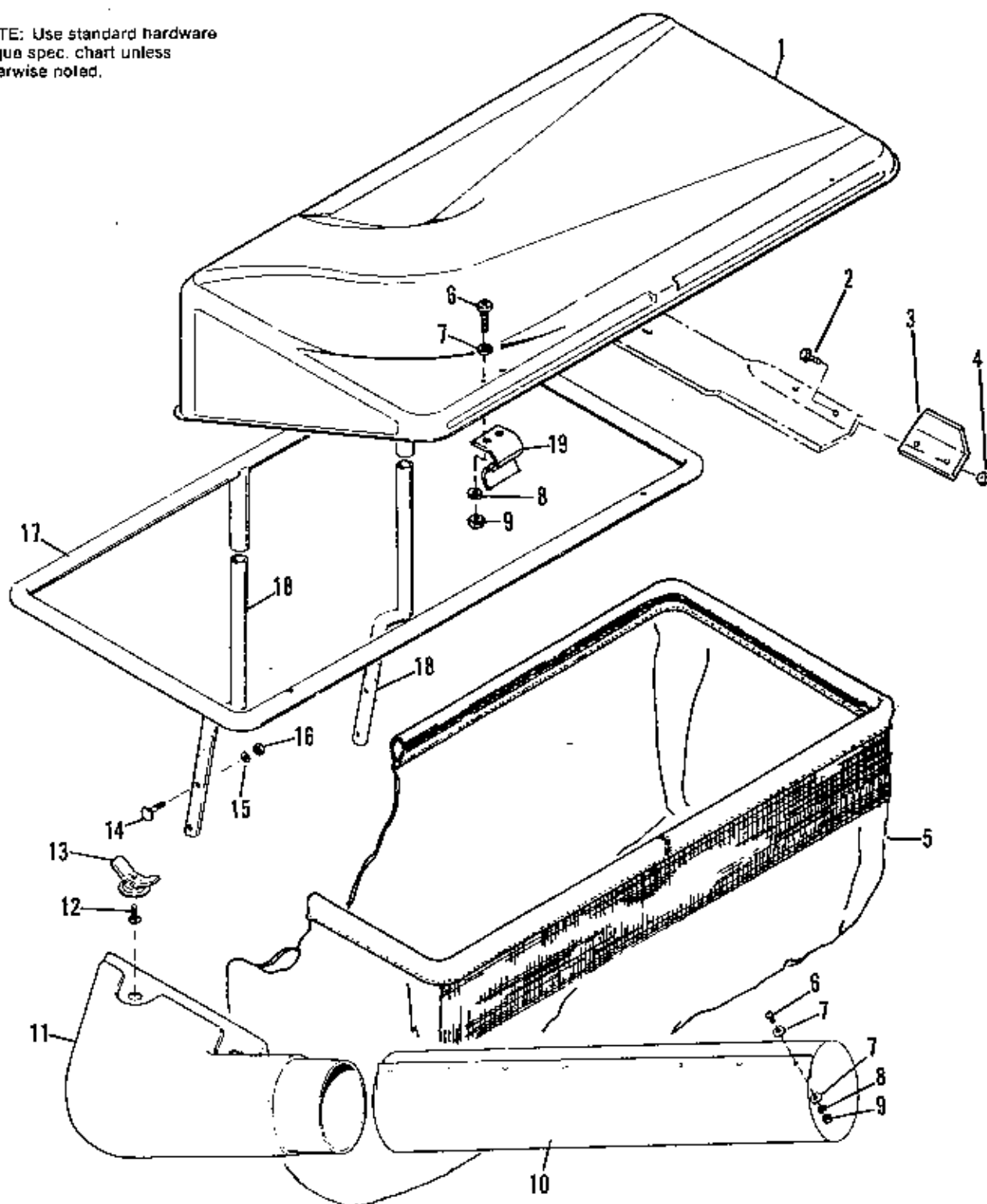


Ref. No.	Part No.	Qty.	Description
*1	1651926	1	FILM, 3005, R.H.
*2	1561927	1	FILM, 3005, R.H. Insert
*3	1651924	1	FILM, 3005, L.H.
*4	1651925	1	FILM, 3005, R.H., Insert
*5	1609232	1	DECAL, Safety
6	174886	1	FILM, Switch
7	172989	1	FILM, Shift Pattern
8	1609061	1	FILM, Parking Brake
9	1607336	1	FILM, Tire Inflation
10	174924	1	FILM, Instruction, Pedal
11	176720	1	DECAL, Caution
*12	1601919	1	TRANSFER, Patent
13		1	DECAL, OPEI
14	1608445	1	DECAL, Safety
15	176719	1	DECAL, Danger
16	158452	1	FILM, Clutch
**17	1609140	1	FILM, Caution
**18	1609232	1	FILM, Safety
**19	1651923	1	FILM, 3008, Insert
**20	1651922	1	FILM, 3008
**21	1651896	1	DECAL, S

*Used on Mfg. No. 1690124 only.

**Used on Mfg. No. 1690128 only.

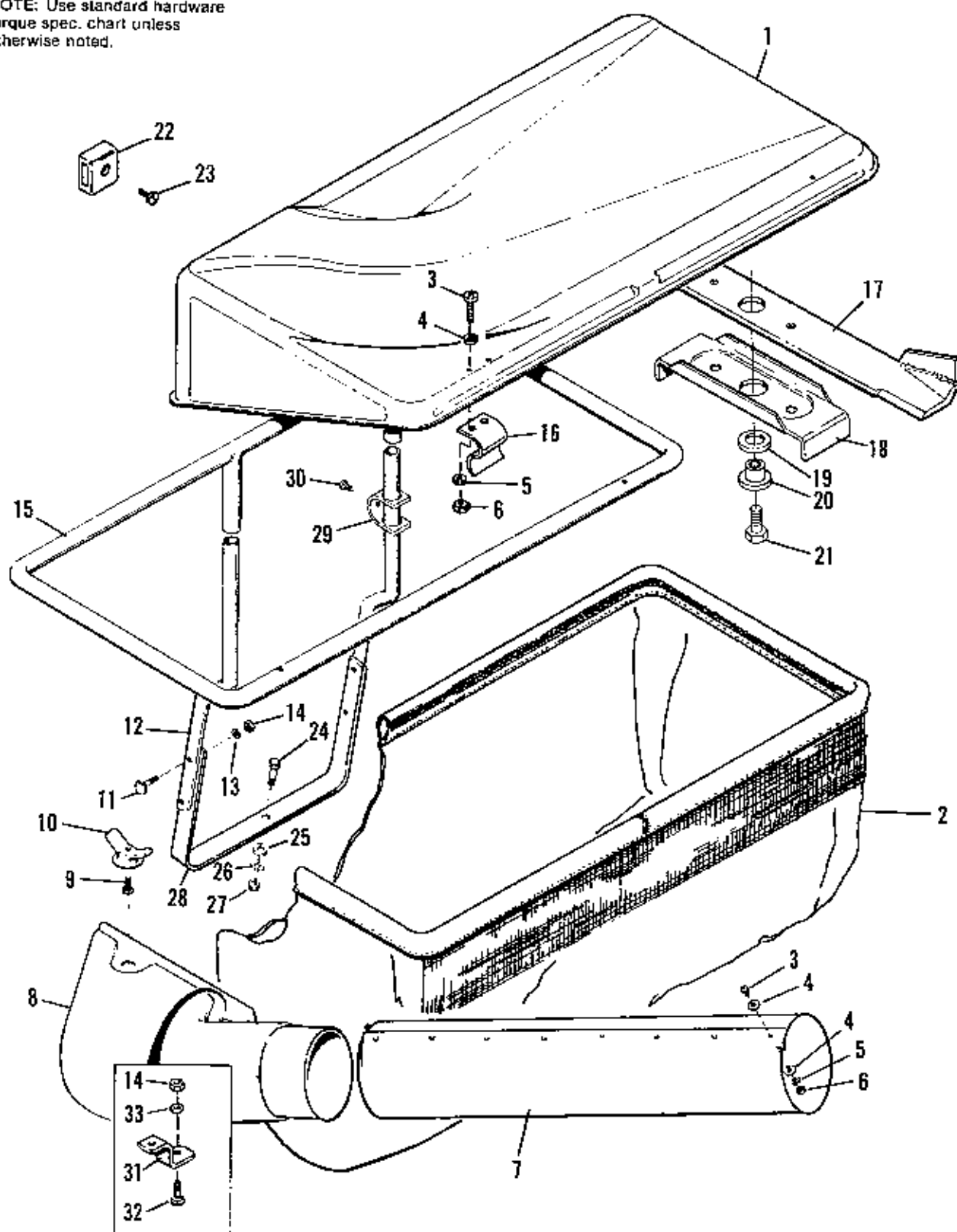
NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.



Ref. No.	Part No.	Qty.	Description
1	177019	1	COVER
2	925205	4	CAPSCREW, Hex Hd., 5/16-18 x 5/8
3	177243	2	PLATE, Lift
4	923362	4	LOCKNUT, Hex, 5/16-18
5	1655506	1	BAG, Grass
6	930531	17	SCREW, Phillips Hd., #10-32 x 1/2
7	916955	26	WASHER, Plain, 3/16
8	909055	17	LOCKWASHER, #10
9	917415	17	NUT, Hex, Full, #10-32
10	*177104	1	TUBE, Discharge
	1650438	1	TUBE, Discharge
11	176871	1	ADAPTOR
12	920563	2	BOLT, Carriage, 5/16-18 x 1
13	123103	2	NUT ASSY.
14	177249	4	BOLT, Curved Hd.
15	917356	4	LOCKWASHER, 5/16
16	917372	4	NUT, Hex, Full, 5/16-18
17	178364	1	SUPPORT ASSY.
18	177096	2	SUPPORT, Vertical
19	178609	2	CLIPS

*Used on Mfg. No. 990998 & 991000 only.

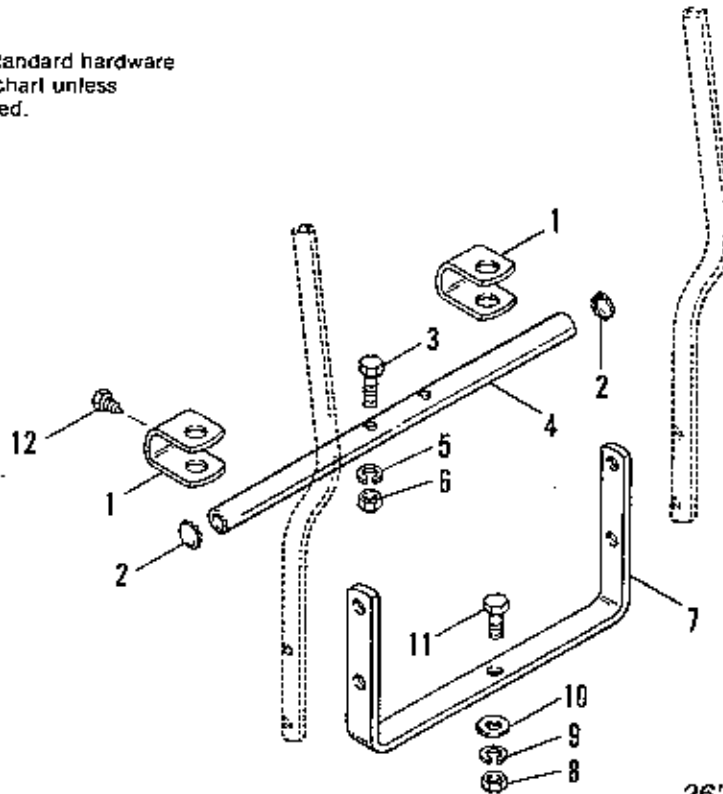
NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.



Ref. No.	Part No.	Qty.	Description
1	177019	1	COVER
2	1655506	1	BAG, Grass
3	930531	16	SCREW, Phillips Hd., #10-32 x 1/2
4	916955	24	WASHER, Plain, 3/16
5	909055	16	LOCKWASHER, #10
6	917415	16	NUT, Hex, Full, #10-32
7	177104	1	TUBE, Discharge
8	176871	1	ADAPTOR
9	920563	2	BOLT, Carriage, 5/16-18 x 1
10	123103	2	NUT ASSY.
11	177249	4	BOLT, Curved Hd.
12	177096	2	SUPPORT, Vertical
13	917356	4	LOCKWASHER, 5/16
14	917372	4	NUT, Hex, Full, 5/16-18
15	178364	1	BRACKET, Support
16	178609	4	CLIPS
*17	177394	1	BLADE ASSY.
*18	177395	1	STIFFENER, Blade
*19	1605746	1	WASHER, Belleville
*20	1605745	1	WASHER, Shoulder
*21	1605933	1	CAPSCREW, Hex Hd., 1/2-20 x 1-1/2 L.H. Thd.
*22	177497	1	MUFFLER, Deflector
*23	177498	1	SCREW
*24	921210	1	CAPSCREW, Hex Hd., 3/8-16 x 1
*25	917378	1	WASHER, Plain, 3/8
*26	916965	1	LOCKWASHER, 3/8
*27	916950	1	NUT, Hex, Full, 3/8-16
*28	177392	1	BRACKET, Support
*29	177391	2	CLAMP
*30	922123	2	SCREW, Hex, Self Tapping, Taptite, 1/40-20 x 3/8
*31	177389	1	SUPPORT, Adaptor
*32	930685	1	BOLT, Carriage, 5/16-18 x 5/8
*33	917356	1	LOCKWASHER, 5/16

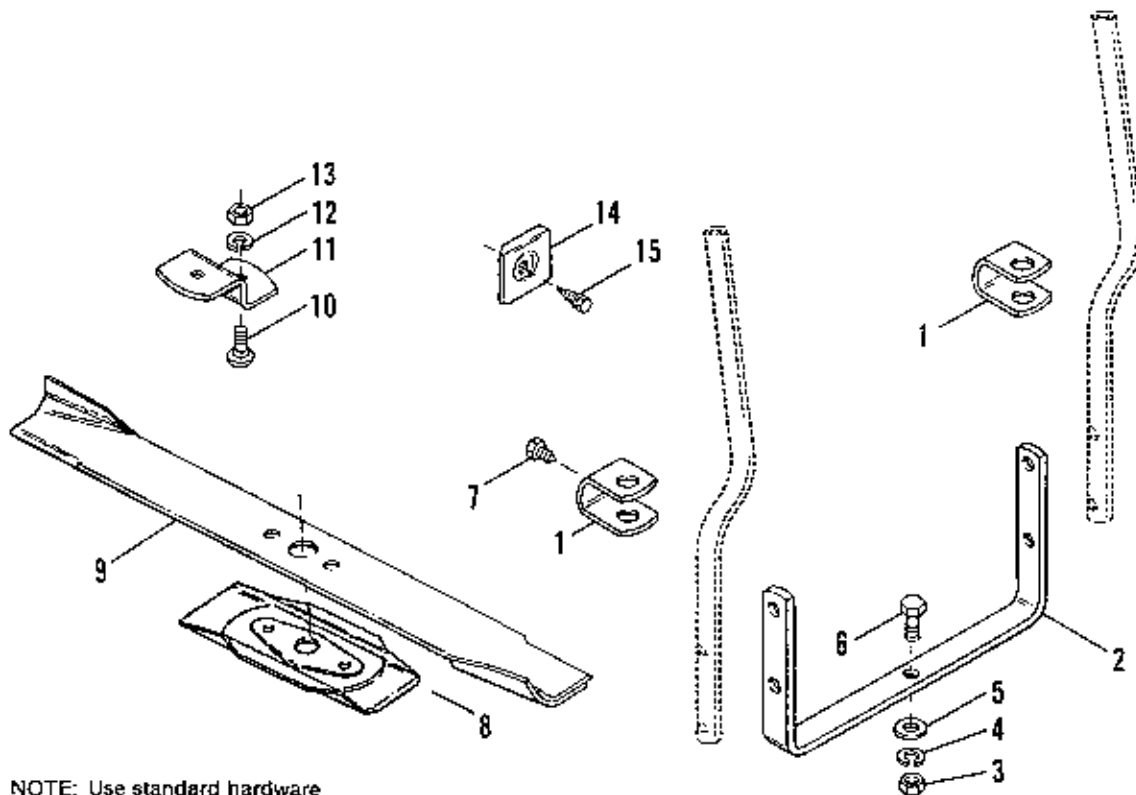
*Refers to Adaptor Kit Mfg. No. 1600331 (see page 72 also).

NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.



Group 981494

26" Grass Catcher Adaptor Kit



NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.

30" Draw Bar & Grass Catcher Adaptor Kit

Simplicity

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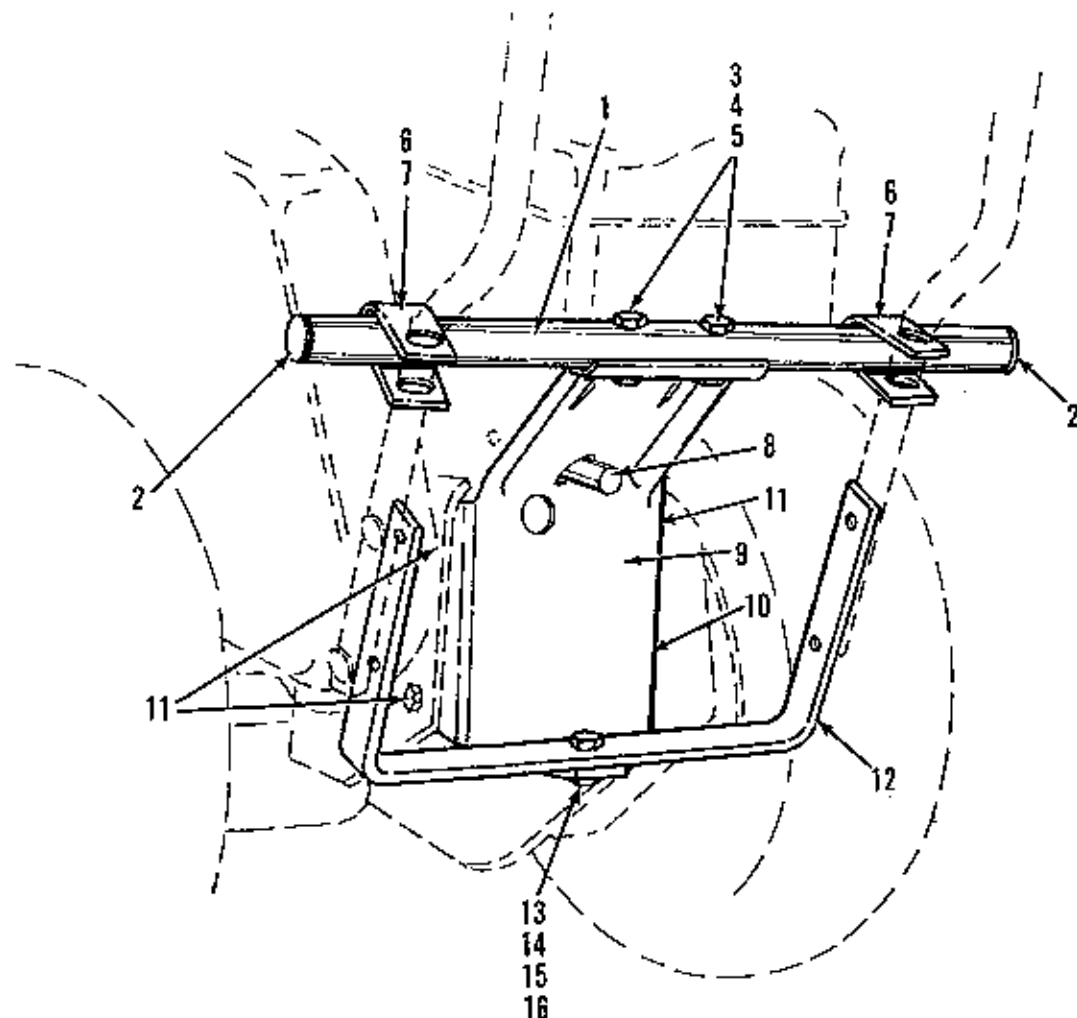
Ref. No.	Part No.	Qty.	Description
1	177391	2	CLAMP
2	1808835	2	BUTTON, Plug
3	921221	2	CAPSCREW, Hex Hd., 5/16-18 x 1-1/2
4	1611463	1	TUBE, Rear
5	917356	2	LOCKWASHER, 5/16
6	917372	2	NUT, Hex, Full, 5/16-18
7	177392	1	SUPPORT, Bracket
8	916950	1	NUT, Hex, Full, 3/8-16
9	916965	1	LOCKWASHER, 3/8
10	917378	1	WASHER, Plain, 3/8
11	921210	1	CAPSCREW, Hex Hd., 3/8-16 x 1
12	927428	2	SCREW, Hex, Washer Hd., Taptite, 1/4-20 x 3/8

Mfg. No. 1600331, 1690240

26" Grass Catcher Adaptor Kit

2/80

Ref. No.	Part No.	Qty.	Description
1	177391	2	CLAMP
2	177392	1	SUPPORT, Bracket
3	916950	1	NUT, Hex, Full, 3/8-16
4	916965	1	LOCKWASHER, 3/8
5	917378	1	WASHER, Plain, 3/8
6	921210	1	CAPSCREW, Hex Hd., 3/8-16 x 1
7	922123	2	SCREW, Thd. Cutting, Rd. Hd., 1/4-20 x 3/8
8	177395	1	STIFFENER, Blade
9	177394	1	BLADE ASSY.
10	930885	1	BOLT, Carriage, 5/16-18 x 5/8
11	177389	1	SUPPORT, Adaptor
12	917356	1	LOCKWASHER, 5/16
13	917372	1	NUT, Hex, Full, 5/16-18
14	177497	1	DEFLECTOR, Muffler
15	177498	1	SCREW



NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.

Ref. No.	Part No.	Qty.	Description
1	1608958	1	TUBE, Rear
2	1608835	1	BUTTON, Plug
3	921221	2	CAPSCREW, Hex Hd., 5/16-18 x 1-1/2
4	917356	2	LOCKWASHER, 5/16
5	917372	2	NUT, Hex, Full, 5/16-18
6	177391	2	CLAMP
7	927428	2	SCREW, Taptite, 1/4-20 x 3/8
*8	901496	1	NIPPLE, Pipe
*9	1608938	1	PLATE, Hitch
*10	925003	1	SCREW, Hex, Washer Hd., Taptite, 1/4-20 x 1/2
*11	924856	3	SCREW, Hex, Washer Hd., Taptite, 5/16-18 x 1/2
12	177392	1	BRACKET, Support
13	921210	1	CAPSCREW, Hex Hd., 3/8-16 x 1
14	917378	1	WASHER, Plain, 3/8
15	916965	1	LOCKWASHER, 3/8
16	916950	1	NUT, Hex, Full, 3/8-16

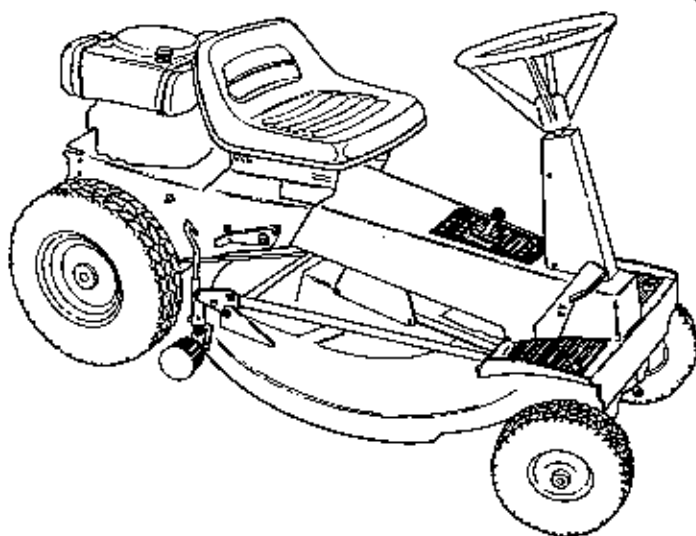
*Used on Mfg. No. 991020 only.

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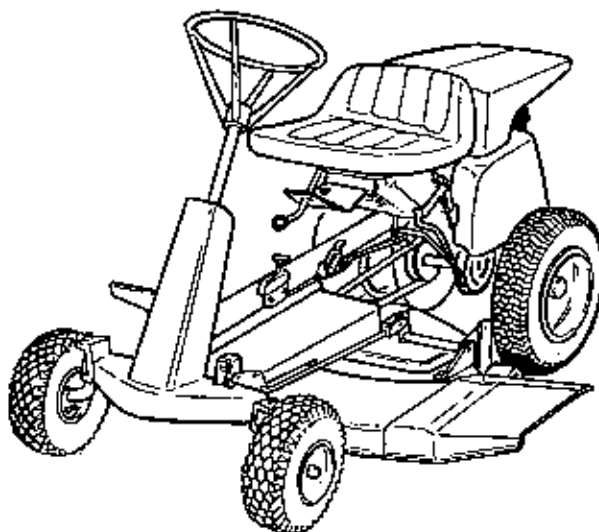
PARTS MANUAL

REAR ENGINE RIDERS

(Includes 1965 - 1979)



VOLUME 2 OF 2



Attention Dealers:

This manual contains parts information for Rear Engine Riders and Attachments from model year 1965 thru 1979. When referring to this parts manual keep in mind the manufacturing number and serial number of the product.

When using the Table of Contents refer to the combination manufacturing number in the far left column to assure finding the correct page number and grouping. All manufacturing numbers noted through the book will refer to the combination numbers. The manufacturing numbers of a particular rider or mower will be listed below the combination number on the table of contents page.

A standard hardware torque chart is included on the inside back cover of this manual. Any individual or special torque on later models will be called out near its particular part.

Simplicity
Technical Publications

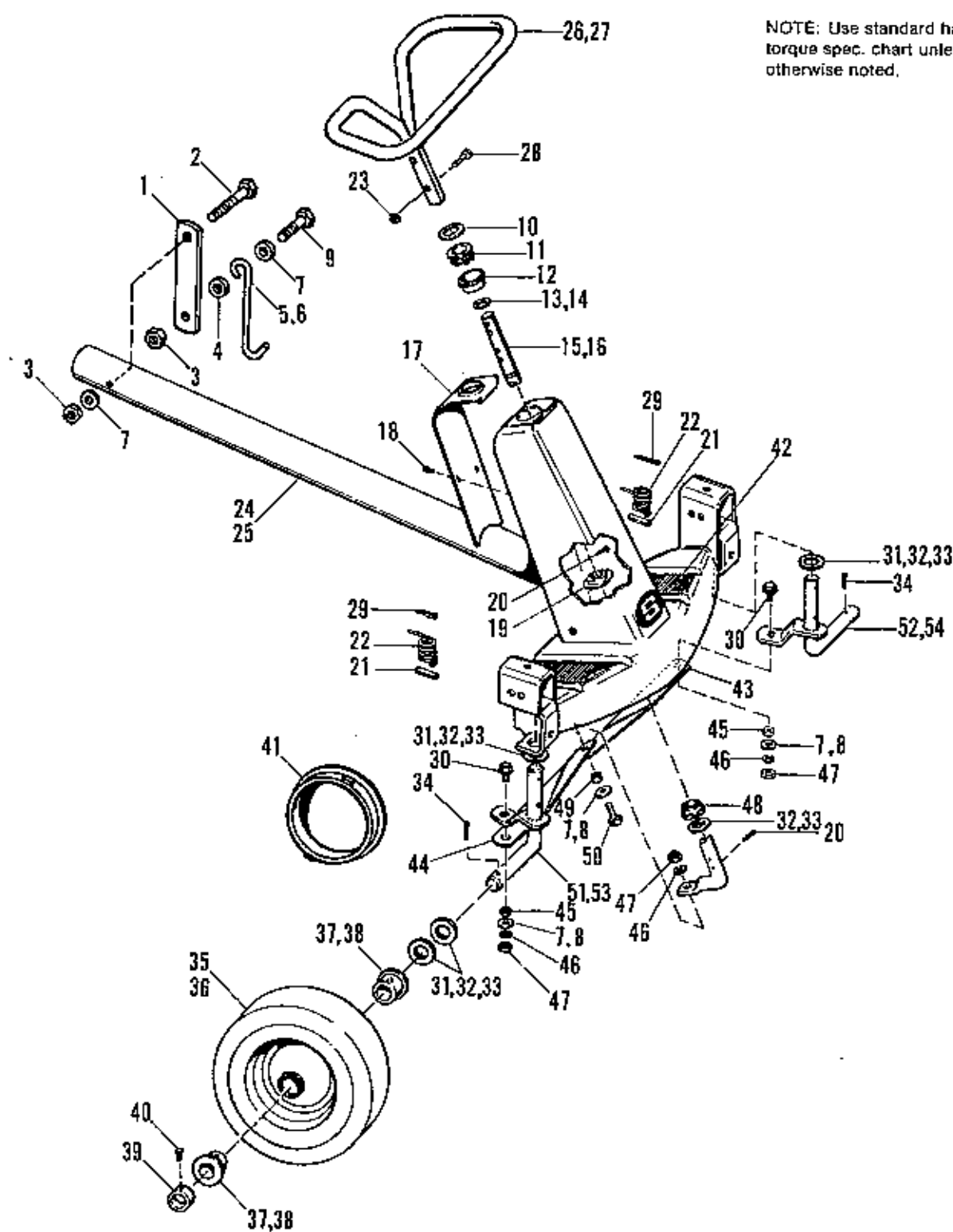
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1690240	3005 Wonderboy Rider w/26" Rotary Mower 1690243 3005 Wonderboy Rider 1690245 26" Rotary Mower	2	6	14	24	32					50	56		68	72	
1690128	3008 Grabber w/30" Rotary Mower 1690129 3008 Grabber 1600416 30" Rotary Mower	2	8	14	26		34				48	62	66	70	74	
1690124	3005 Wonderboy Rider w/26" Rotary Mower 1690127 3005 Wonderboy Rider 1600327 26" Rotary Mower	2	8	14	28		34	42			46	66		70		
1690012	808 Wonderboy Rider w/30" Rotary Mower 1690002 808 Wonderboy Rider 1690081 30" Rotary Mower	4	10	18	30		36		42	44	48	58		70		
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990775	315 Wonderboy Rider w/26" Rotary Mower 990846 315 Wonderboy Rider, Electric 990847 26" Rotary Mower	2	6	14	20						26					
990774	315 Wonderboy Rider w/26" Rotary Mower 990845 315 Wonderboy Rider, Manual 990847 26" Rotary Mower	2	6	14	20						26					
990614	355 Wonderboy Rider w/28" Rotary Mower 990556 355 Wonderboy Rider 990557 28" Rotary Mower	2	6	14	20						28	34	40			
990554	305 Wonderboy Rider w/24" Rotary Mower 990493 305 Wonderboy Rider 990541 24" Rotary Mower	2	6	14	20						30	38				
990391	404 Wonderboy Rider w/24" Rotary Mower 990390 404 Wonderboy Rider 990358 24" Rotary Mower	2	10	16	20						30	38	40			
990357	401 Wonderboy Rider 990358 24" Rotary Mower	2	10	16	20						30	38	40			
990332	606 Wonderboy Special 990333 32" Rotary Mower	4	12	18	22	24					32	36				
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VOLUME ONE OF TWO

VOLUME TWO OF TWO



Front Frame & Steering Group

Simplicity

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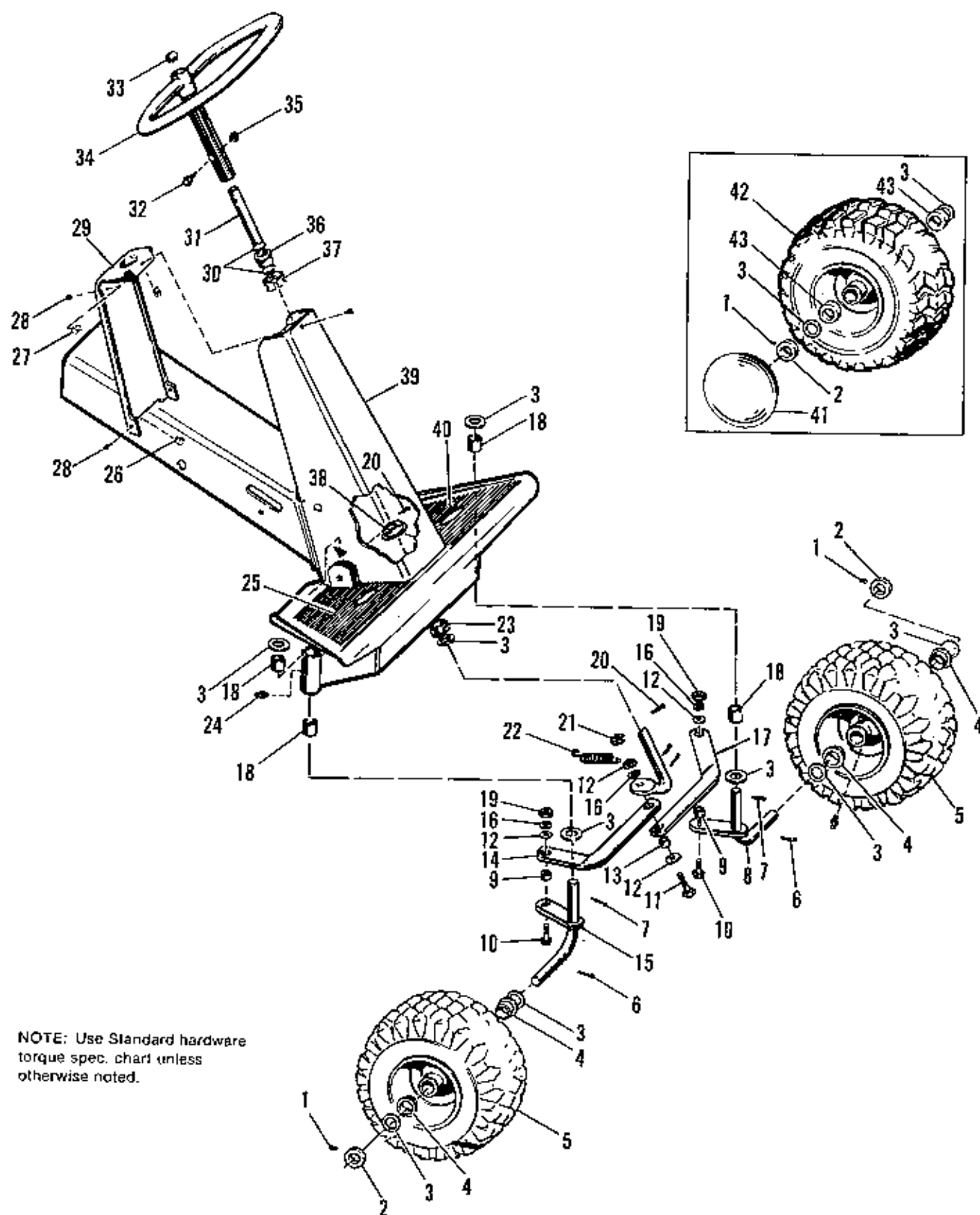
Ref. No.	Part No.	Qty.	Description
1	158613	1	BRACKET (170184 for 990614 Only)
2	922118	1	CAPSCREW, Hex Hd., 3/8-16 x 3
3	930651	2	LOCKNUT, Hex, 3/8-16
4	159134	1	WASHER, Plastic, 3/8
**5	158612	1	LIFT
***6	174934	1	LIFT
*7	917378	5	WASHER, Plain, 3/8
****8	917378	3	WASHER, Plain, 3/8
*9	921210	1	CAPSCREW, Hex Hd., 3/8-16 x 1
10	158223	1	WASHER
11	157077	1	BUSHING, Steering
12	158222	1	CUP, Bushing, Steering
*13	154264	1	RING, Retaining
****14	157241	1	RING, Snap
*15	158520	1	SHAFT, Steering
****16	158524	1	SHAFT, Steering
17	158215	1	COVER, Steering Support
18	923735	2	SCREW, Self Tapping, #10 x 3/8
19	158012	1	CUP, Steering Shaft
20	919430	1	PIN, Cotter, 5/32 x 1-1/4
21	915935	2	PIN, Roll, 5/16 Dia. x 1-1/4
22	121011	2	SPRING, Torsion
23	923362	1	LOCKNUT, Hex, 5/16-18
24	158210	1	FRAME & AXLE ASSY., Front
***25	174646	1	FRAME & AXLE ASSY., Front
*26	158574	1	HANDLE ASSY., Steering
****27	158220	1	HANDLE ASSY., Steering
28	921977	1	CAPSCREW, Hex Hd., 5/16-18 x 1-1/4
29	918455	2	PIN, Cotter, 5/32 x 1
30	928728	2	SCREW, Hex, Whizlock, Flange, 3/8-16 x 1
*31	101022	6	WASHER
32	108181	5	WASHER, (Used On 990390)
33	8061012	5	WASHER (Used On 990357)
34	919314	2	PIN, Cotter, 3/16 x 1-1/4
*35	1608379	2	WHEEL & TIRE ASSY., Front
****36	158466	2	WHEEL & TIRE ASSY., Front
*37	156316	4	BEARING, Relief (for service)
****38	121299	4	BEARING, Relief (for service)
39	8021010	2	COLLAR, Set
40	928691	2	SETSCREW, Cup Pt., 5/16-18 x 5/16
**41	163114	2	HUB CAP, Front (Kit No. 990615)
42	158428	1	PAD, Foot, L.H. & R.H.
43	158225	1	LINK, Steering, L.H.
44	158226	1	LINK, Steering, R.H.
45	153081	2	SPACER
46	916965	3	LOCKWASHER, 3/8
47	916950	3	NUT, Hex, Full, 3/8-16
48	159026	1	BUSHING
49	158227	1	SPACER
50	921969	1	CAPSCREW, Hex Hd., 3/8-16 x 1-1/2
*51	158547	1	SPINDLE ASSY., R.H.
*52	158545	1	SPINDLE ASSY., L.H.
****53	158219	1	SPINDLE ASSY., R.H.
****54	158216	1	SPINDLE ASSY., L.H.

*Used on Mfg. No. 990554, 990614, 990774 & 990775.

**Used on Mfg. No. 990554 & 990614.

***Used on Mfg. No. 990774 & 990775.

****Used on Mfg. No. 990357 & 990391.

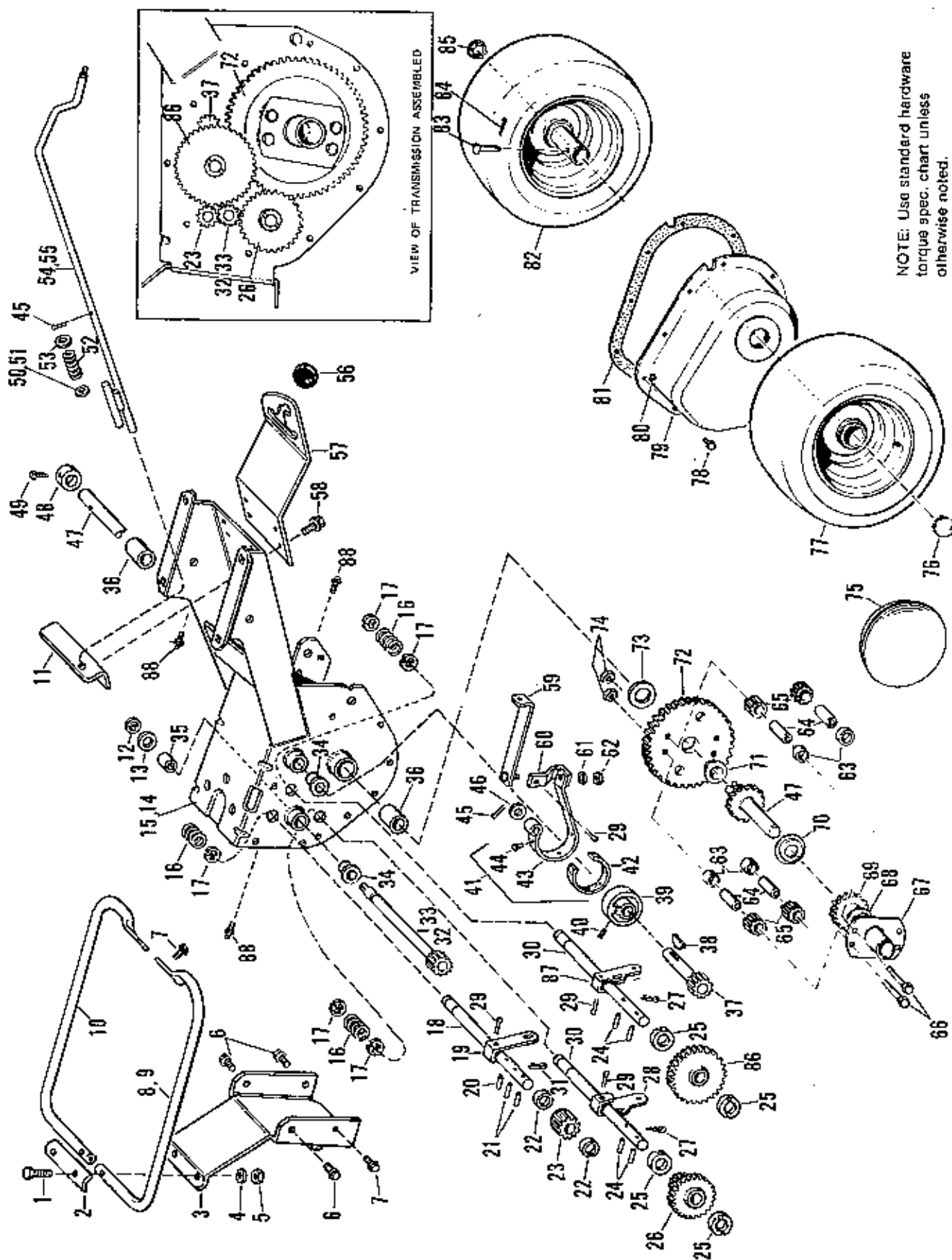


Front Frame & Steering Group

Simplicity

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Ref. No.	Part No.	Qty.	Description
1	928691	2	SETSCREW, Cup Pt., 5/16-18 x 5/16
2	8021010	2	COLLAR, Set
3	108181	8	WASHER
4	159139	4	BEARING
5	1608379	2	WHEEL & TIRE ASSY., Front
6	919314	2	PIN, Cotter, 3/16 x 1-1/4
7	918455	2	PIN, Cotter, 5/32 x 1
8	159019	1	SPINDLE ASSY., L.H.
9	154177	2	SPACER
10	928727	2	SCREW, Hex, Whizlock, Flange, 3/8-16 x 1-1/4
11	923701	1	CAPSCREW, Hex Hd., 3/8-16 x 2
12	917378	4	WASHER, Plain, 3/8
13	159029	1	SPACER
14	159028	1	LINK, Steering, R.H.
15	159021	1	SPINDLE ASSY., R.H.
16	916965	3	LOCKWASHER, 3/8
17	159027	1	LINK, Steering, L.H.
18	154289	4	BUSHING
19	916950	2	NUT, Hex, Full, 3/8-16
20	919430	2	PIN, Cotter, 5/32 x 1-1/4
21	930651	1	LOCKNUT, Hex, 3/8-16
22	159159	1	SPRING
23	159026	1	BUSHING
24	912808	2	FITTING, Grease, #1641
25	159099	1	PAD, Foot Rest, R.H.
26	930657	1	NUT, Speed
27	920299	1	NUT, Speed
28	922122	3	SCREW, Self Tapping, #10 x 1/2
29	159018	1	COVER
30	157241	2	RING, Snap
31	159025	1	SHAFT, Steering
32	921977	1	CAPSCREW, Hex Hd., 5/16-18 x 1-1/4
33	156279	1	BUTTON, Plug
34	158574	1	HANDLE ASSY., Steering
35	923362	1	LOCKNUT, Hex, 5/16-18
36	157077	1	BUSHING
37	159024	1	RETAINER, Steering Bushing
38	158012	1	CUP, Steering Shaft
39	159001	1	FRAME & AXLE ASSY., Front
40	159098	1	PAD, Foot Rest, L.H.
41	159153	2	CAP, Hub, Front Wheel
42	159146	2	WHEEL & TIRE ASSY., Front
43	159151	2	BEARING

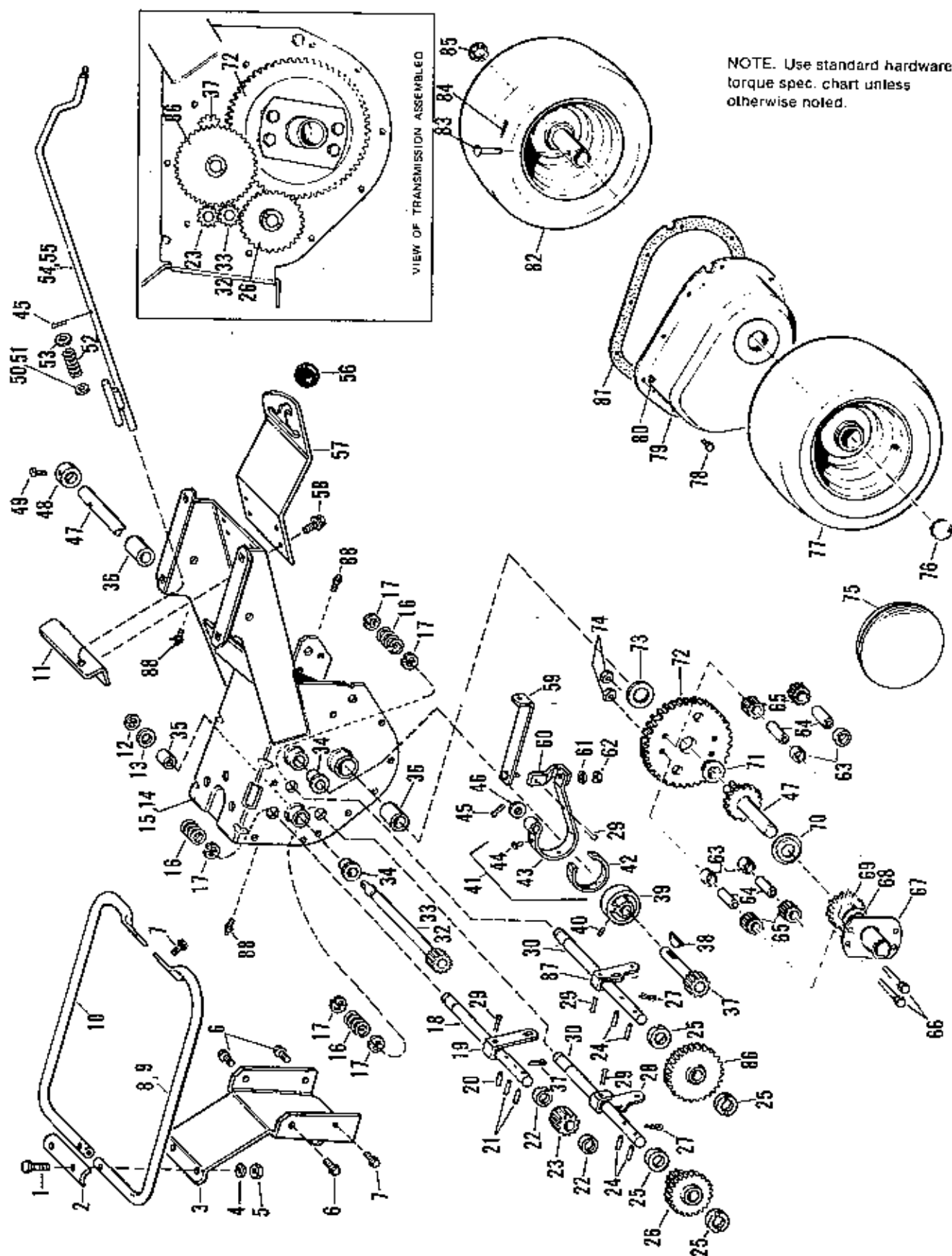


Ref. No.	Part No.	Qty.	Description
1	921221	2	CAPSCREW, Hex Hd., 5/16-18 x 1-1/2
2	158584	1	BRACKET, Handle Support
3	158518	1	PLATE, Hitch, Rear
4	917356	2	LOCKWASHER, 5/16
5	917372	2	NUT, Hex, Full, 5/16-18
6	924856	3	SCREW, Hex, Taptite, 5/16-18 x 1/2
7	925003	2	SCREW, Hex, Taptite, 1/4-20 x 1/2
*8	158582	1	HANDLE, Rear, R.H.
**9	174629	1	HANDLE, Rear, R.H.
10	158583	1	HANDLE, Rear, L.H.
11	158539	1	GUIDE, Shift rod
12	153124	1	RING, Retaining
13	153079	1	WASHER
*14	158500	1	ENGINE BASE FRAME & SEAT SUPPORT ASSY.
**15	174835	1	ENGINE BASE FRAME & SEAT SUPPORT ASSY.
16	158578	3	SPRING, Compression
17	158596	5	RING, Retaining
18	158534	1	SHAFT, Reverse
19	158564	1	LINK, Shift, Reverse
20	921450	1	PIN, Roll, 5/32 Dia. x 1
21	916188	1	PIN, Roll, 1/8 Dia. x 3/4
22	158562	2	COLLAR, Thrust
23	158557	1	PINION, Reverse
24	918111	4	PIN, Roll, 1/8 Dia. x 1
25	158561	3	COLLAR, Thrust
26	158570	1	GEAR & BEARING ASSY.
27	918447	2	PIN, Cotter, 3/32 x 3/4
28	158535	1	LINK, Shift, Hi
29	919314	4	PIN, Cotter, 3/16 x 1-1/4
30	158541	2	SHAFT, Intermediate
31	923360	1	PIN, Cotter, 1/16 x 3/4
*32	158531	1	SHAFT ASSY., Gear
**33	106944	1	SHAFT ASSY., Gear
34	158569	2	BEARING, Bronze
35	156064	2	BUSHING
36	158337	2	BEARING
37	158548	1	BRAKE SHAFT & GEAR ASSY.
38	930669	1	KEY, Hi-Pro
39	165067	1	DRUM, Brake
40	928691	1	SETSCREW, 5/16-18 x 5/16
41	158552	1	BAND ASSY., Brake
42	156136	1	LINING, Brake
43	158554	1	BAND, Brake
44	926021	1	RIVET, #7 x 1/4

*Used on Mfg. No. 990554 & 990614.

**Used on Mfg. No. 990774 & 990775.

NOTE: Part Reference No. 45-88 continued on the following page.



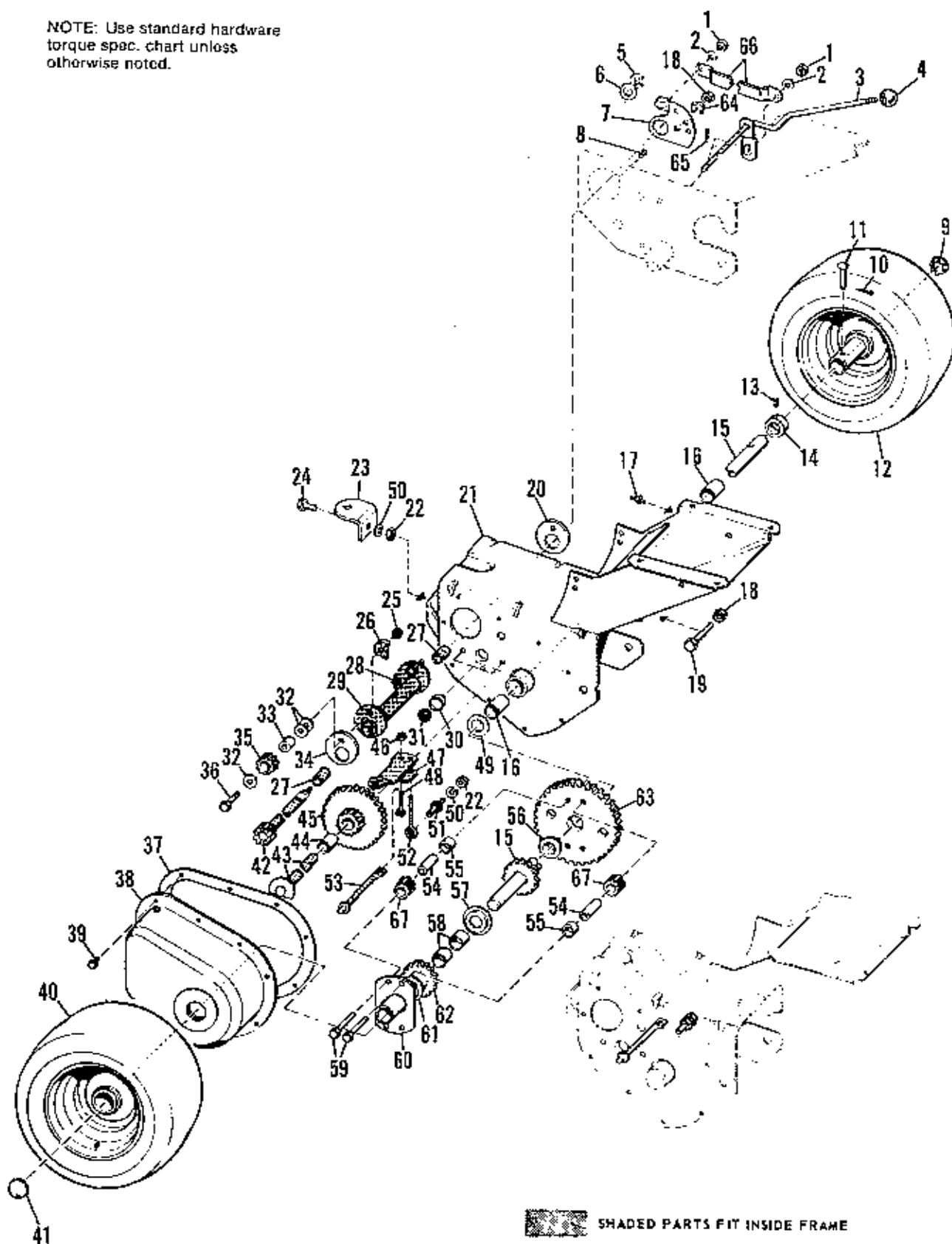
Ref. No.	Part No.	Qty.	Description
45	918452	2	PIN, Cotter, 1/8 x 1
46	917378	1	WASHER, Plain, 3/8
47	158352	1	SHAFT ASSY., Axle, L.H.
48	158357	1	COLLAR, Set
49	928709	1	SETSCREW, 5/16-18 x 3/8
*50	158645	1	WASHER, Plain
**51	8051056	1	WASHER, Spacer
52	158576	1	SPRING
53	918430	1	WASHER, Plain, 7/16
*54	103224	1	CONVERSION KIT, Shift
**55	172917	1	ROD ASSY., Shift
56	8021050	1	KNOB, SHIFT
57	172923	1	PLATE, Shift Pattern
58	925592	4	SCREW, Taptite, 1/4-20 x 3/4
59	158597	1	GUIDE ASSY., Brake
60	1809261	1	LEVER, Brake
61	918964	1	LOCKWASHER, 1/4
62	918622	1	NUT, Hex, Full, 1/4-20
63	121084	4	SPACER, Diff.
64	121083	4	SPINDLE, Differential Pinion
65	158579	4	PINION, Diff.
66	921972	4	CAPSCREW, Hex Hd., 3/8-16 x 2-3/4
67	158364	1	PLATE, Diff.
68	158365	1	BUSHING, Plate Diff.
69	158359	1	AXLE & BUSHING ASSY., R.H.
70	158358	1	CUP, Thrust
71	158356	1	BUSHING
72	158350	1	GEAR, Drive
73	118252	1	WASHER
74	930651	6	LOCKNUT, Hex, 3/8-16
*75	156211	2	HUB CAP, Rear
76	158436	1	BUTTON, Plug
77	1608381	2	WHEEL & TIRE ASSY., R.H.
78	927428	9	SCREW, Hex, Taptite, 1/4-20 x 3/8
79	158521	1	GEAR CASE ASSY.
80	928724	1	FITTING, Grease
81	158524	1	GASKET, Gear Case
82	1608383	2	WHEEL & TIRE ASSY., L.H.
83	118053	2	PIN
84	918451	2	PIN, Cotter, 1/8 x 3/4
85	158433	1	BUTTON, Plug
86	158542	1	GEAR & BEARING ASSY., Lo
87	158563	1	LINK, Shift, Lo
88	912808	3	FITTING, Grease

*Used on Mfg. No. 990554 & 990614.

**Used on Mfg. No. 990774 & 990775.

NOTE: Parts Reference No. 1-44 found on preceding page.

NOTE: Use standard hardware torque spec. chart unless otherwise noted.

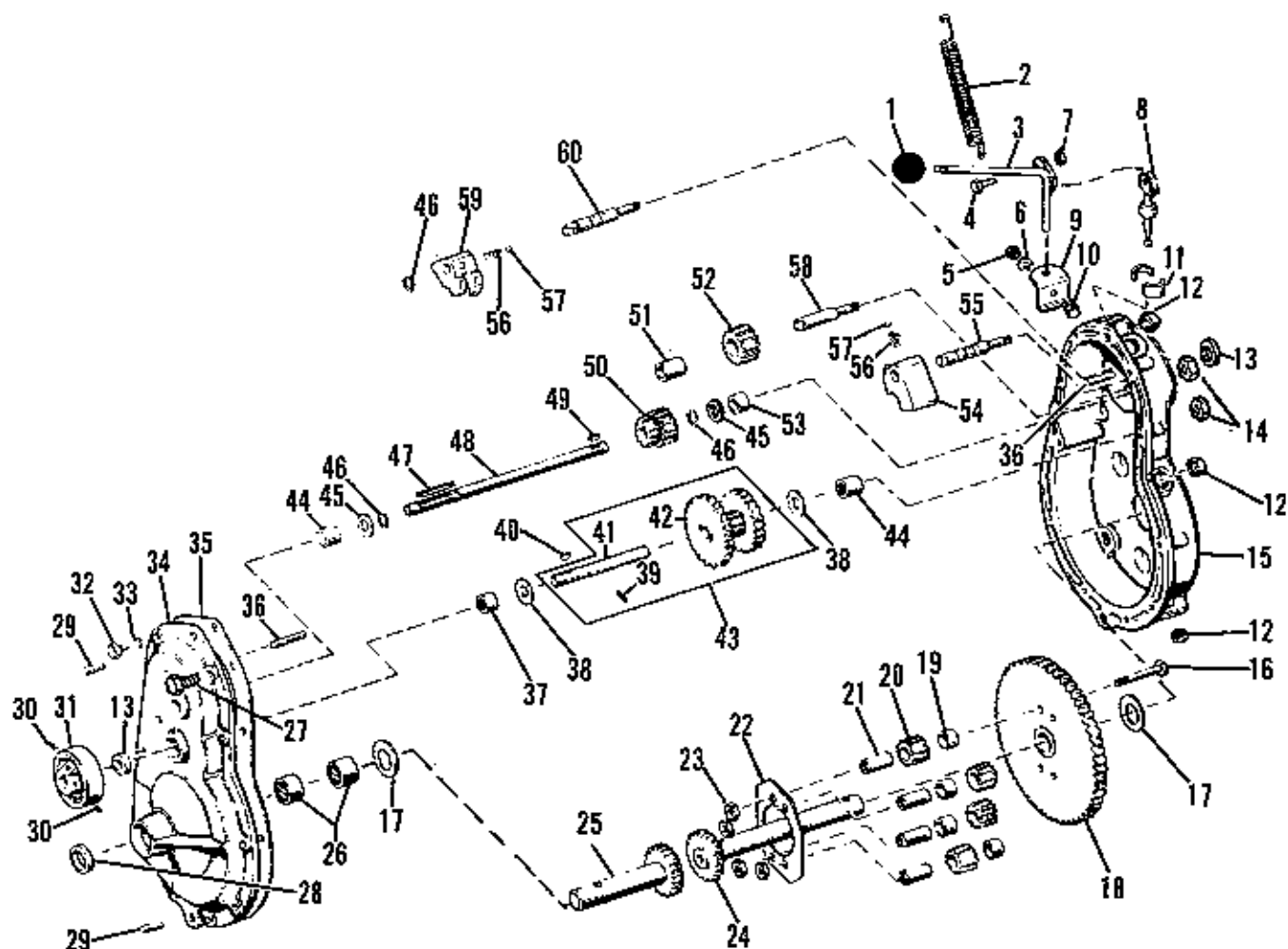


Transmission & Rear Wheels Group

Simplicity

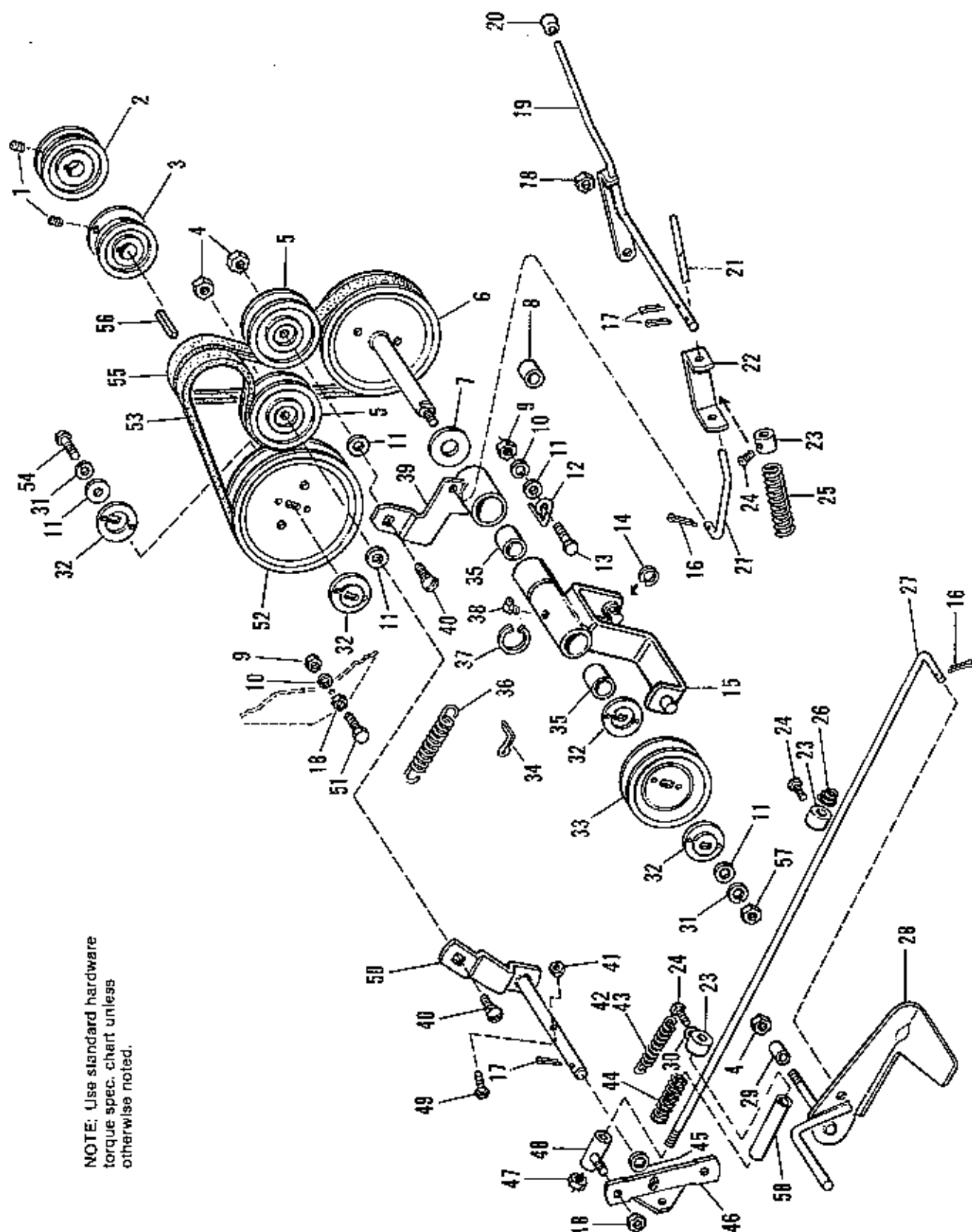
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Ref. No.	Part No.	Qty.	Description
1	923362	2	LOCKNUT, 5/16-18
2	917377	2	WASHER, Plain, 1/4
3	158372	1	LEVER ASSY., Shift
4	155044	1	KNOB
5	153124	1	RING, Retaining
6	153079	1	WASHER
7	158339	1	LEVER ASSY., Detent
8	990558	1	SCREW, Rd. Hd., 12-24 x 1/2
9	158438	1	BUTTON, Plug
10	918451	2	PIN, Cotter, 1/8 x 3/4
11	118053	2	PIN
12	158430	1	WHEEL & TIRE ASSY., L.H.
13	928709	1	SETSCREW, Cup Pt., Sq. Hd., 5/16-18 x 3/8
14	158357	1	COLLAR, Set
15	158352	1	AXLE SHAFT, L.H.
16	158337	2	BEARING
17	912808	1	FITTING, Grease
18	923428	2	LOCKNUT, 3/8-16
19	930596	2	CAPSCREW, Hex Hd., 3/8-16 x 2-3/4
20	153094	1	SHIELD
21	158228	1	ENGINE BASE, FRAME & SEAT SUPPORT ASSY.
22	916950	2	NUT, Hex, Full, 3/8-16
23	158455	1	BAR, Draw
24	921210	1	CAPSCREW, Hex Hd., 3/8-16 x 1
25	153090	1	NUT, Hex, Full, L.H. 3/8-16
26	121139	1	PLATE, Lock
27	8051038	2	BEARING
28	914687	1	FITTING, Grease
29	158338	1	HOUSING ASSY., Bearing
30	158446	2	RETAINER, Brake Lining
31	158447	2	LINING, Brake
32	917642	3	WASHER, Plain, 5/16
33	121163	1	SPACER, Pinion
34	158472	1	SHIELD
35	121118	1	PINION, Reverse
36	930575	1	CAPSCREW, Hex Hd., 3/8-16 x 1-1/2 L.H. Thd.
37	158370	1	GASKET
38	158467	1	GEAR CASE ASSY.
39	927428	9	SCREW, Hex, Washer Hd., Tapite, 1/4-20 x 3/8
40	158434	1	WHEEL & TIRE ASSY., R.H.
41	158433	1	BUTTON, Plug
42	158342	1	SHAFT ASSY., Pulley
43	158442	1	SHAFT ASSY., Intermediate
44	153078	1	BEARING, Pinion
45	158349	1	GEAR ASSY., Intermediate
46	923329	1	LOCKNUT, Hex, 1/4-20
47	158445	1	ARM, Brake
48	918240	1	CAPSCREW, Hex Hd., 1/4-20 x 1-1/2
49	118252	1	WASHER
50	916965	2	LOCKWASHER, 3/8
51	158441	1	STUD
52	121044	1	PIN, Lock
53	158440	1	PIN, Anchor
54	121083	4	SPINOLE, Diff.
55	121084	4	SPACER, Diff.
56	158356	1	BUSHING, Drive Gear
57	158358	1	CUP, Thrust
58	158363	2	BUSHING
59	923701	4	CAPSCREW, Hex Hd., 3/8-16 x 2
60	158364	1	PLATE, Diff.
61	158365	1	BUSHING
62	158359	1	AXLE & BUSHING ASSY., R.H.
63	158355	1	GEAR, Drive
64	157127	1	SPRING, Conical
65	918452	1	PIN, Cotter, 1/8 x 1
66	158371	1	LINK, Shaft
67	121311	4	PINION, Diff.



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Ref. No.	Part No.	Qty.	Description
1	8021050	1	KNOB, Ball
2	159106	1	SPRING
3	159046	1	LEVER ASSY., Shift
4	923341	1	CAPSCREW, Hex Hd., 1/4-20 x 3/4
5	917372	1	NUT, Hex, Full, 5/16-18
6	917356	1	LOCKWASHER, 5/16
7	923358	1	LOCKNUT, Hex, 1/4-20
8	156031	1	ROD ASSY., Shift
9	159116	1	PIVOT, Shift Lever
10	919319	1	CAPSCREW, Hex Hd., 5/16-18 x 7/8
11	101042	2	BUSHING, Half
12	930676	3	PLUG, Pipe
13	156084	2	SEAL, Oil
14	918213	2	NUT, Hex, Full, 7/16-14
15	159030	1	CASE ASSY., Gear
16	919362	4	CAPSCREW, Hex Hd., 3/8-16 x 2-1/4
17	105083	2	WASHER
18	1663715	1	GEAR ASSY., Drive
19	121084	4	SPACER, Diff.
20	158579	4	PINION, Diff.
21	121083	4	SPINDLE, Diff.
22	156002	1	PLATE, Diff.
23	930651	4	LOCKNUT, Hex, 3/8-16
24	156100	1	SHAFT ASSY., Axle, R.H.
25	156104	1	SHAFT ASSY., Axle, L.H.
26	105195	2	BEARING, Roller
27	921221	1	CAPSCREW, Hex Hd., 5/16-18 x 1-1/2
28	118118	1	SEAL, Oil
29	918113	2	PIN, Roll, 3/8 x 1
30	930554	2	SETSCREW, 5/16-18 x 5/16
31	165067	1	DRUM, Brake
32	921977	10	CAPSCREW, Hex Hd., 5/16-18 x 1-1/4
33	917356	10	LOCKWASHER, 5/16
34	165018	1	COVER, Gear Case
35	156103	1	GASKET
36	156308	2	PIN ASSY., Roll
37	156102	1	BEARING, Roller
38	156089	2	WASHER
39	156292	1	PIN, Dowel
40	930669	1	KEY
41	156088	1	SHAFT, Brake
42	156090	1	CLUSTER ASSY., Gear
43	156290	1	CLUSTER GEAR & SHAFT ASSY.
44	156073	2	BEARING, Roller
45	156085	2	WASHER
46	8061048	3	RING, Retaining
47	156086	1	KEY
48	159032	1	SHAFT, Pulley
49	930670	1	KEY, Hi-Pro
50	156087	1	PINION ASSY., Hi-Lo
51	156082	1	BEARING, Roller
52	1650625	1	PINION, Reverse
53	156072	1	BEARING, Roller
54	156080	1	FORK, Shift, I & II
55	171372	1	SHAFT, Shift, Hi-Lo
56	154323	2	SPRING
57	154262	2	BALL
58	156081	1	SHAFT, Pinion, Reverse
59	171363	1	FORK, Shift, Reverse
60	156077	1	SHAFT, Shift, Reverse

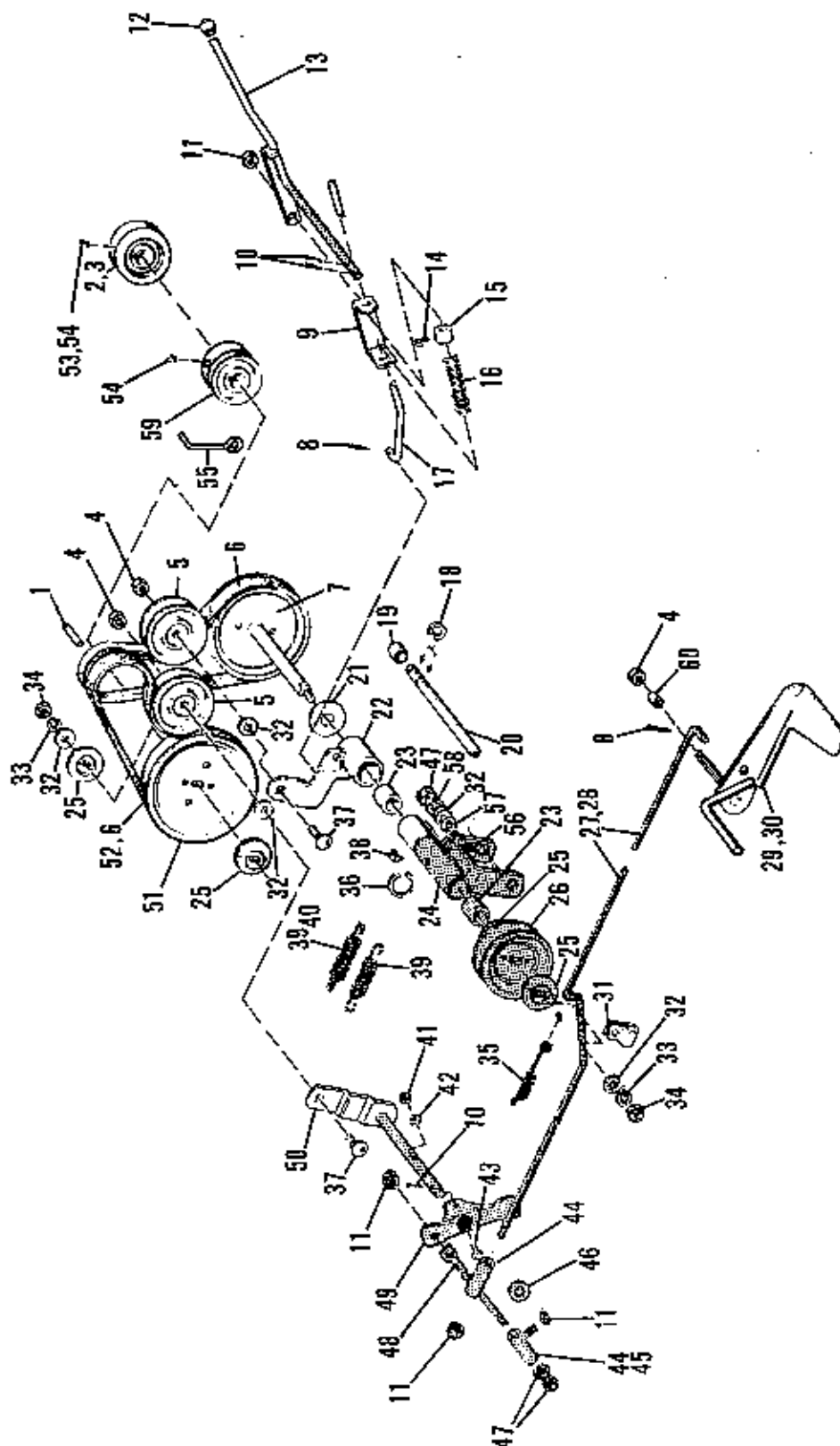


NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Ref. No.	Part No.	Qty.	Description
1	928691	2	SETSCREW, 5/16-18 x 5/16
2	118331	1	PULLEY, Engine
3	158498	1	PULLEY, Drive
4	930651	3	LOCKNUT, Hex, 3/8-16
5	154534	2	PULLEY, Idler
6	158630	1	PULLEY & SHAFT ASSY.
7	119018	1	WASHER
8	158398	1	SPACER
9	917372	2	NUT, Hex, Full, 5/16-18 (Qty. 1 on 990774, 990775)
10	917356	2	LOCKWASHER, 5/16 (Qty. 1 on 990774, 990775)
11	917642	5	WASHER, Plain, 5/16 (Qty. 1 on 990774, 990775)
*12	8021014	1	STOP, Belt
*13	923325	1	CAPSCREW, Hex Hd., 5/16-18 x 7/8
14	158399	1	RING, Retaining
15	158632	1	HOUSING ASSY.
16	918447	2	PIN, Cotter, 3/32 x 3/4
17	918452	3	PIN, Cotter, 1/8 x 1
18	923362	3	LOCKNUT, Hex, 5/16-18
19	158603	1	HANDLE ASSY., P.T.O. Control
20	158437	1	KNOB
21	158609	1	ROD, Clutch
22	158406	1	GUIDE ASSY., Rod
23	8191022	3	COLLAR, Set
24	928804	3	SETSCREW, 1/4-20 x 3/8
25	163103	1	SPRING
26	153010	1	SPRING, Conical
27	158575	1	ROD, Clutch
28	158604	1	PEDAL ASSY., Foot
29	158388	1	SPACER
30	916955	1	WASHER, Plain, 3/16
31	916965	2	LOCKWASHER, 3/8
32	158378	4	WASHER, Special
33	158400	1	PULLEY, Mower Drive
*34	158646	1	PIN, Cotter
35	108054	2	BEARING, Needle
36	154369	1	SPRING
37	158396	1	RING, Retaining
38	915019	1	FITTING, Grease
39	158461	1	LEVER ASSY., Idler
40	922249	2	BOLT, Carriage, 3/8-16 x 1
41	923358	1	LOCKNUT, Hex, 1/4-20
*42	156302	1	SPRING
**43	159159	1	SPRING
44	157041	1	SPRING, Compression
45	918430	1	WASHER, Plain, 7/16
46	158536	1	LEVER
47	924433	1	NUT, Elastic Stop, 5/16-18
48	156303	1	GUIDE ASSY., Rod
49	921960	1	CAPSCREW, Hex Hd., 1/4-20 x 1
50	158537	1	ARM ASSY., Idler Pulley
51	921221	1	CAPSCREW, Hex Hd., 5/16-18 x 1-1/2
52	158377	1	PULLEY, Transmission
53	158573	1	BELT, V
54	923325	1	CAPSCREW, Hex Hd., 5/16-18 x 7/8
55	121398	1	BELT, V
56	8221042	1	KEY
57	916950	1	NUT, Hex, Full, 3/8-16
**58	172179	1	SPACER

*Used on Mfg. No. 990554 & 990614.

**Used on Mfg. No. 990774 & 990775.

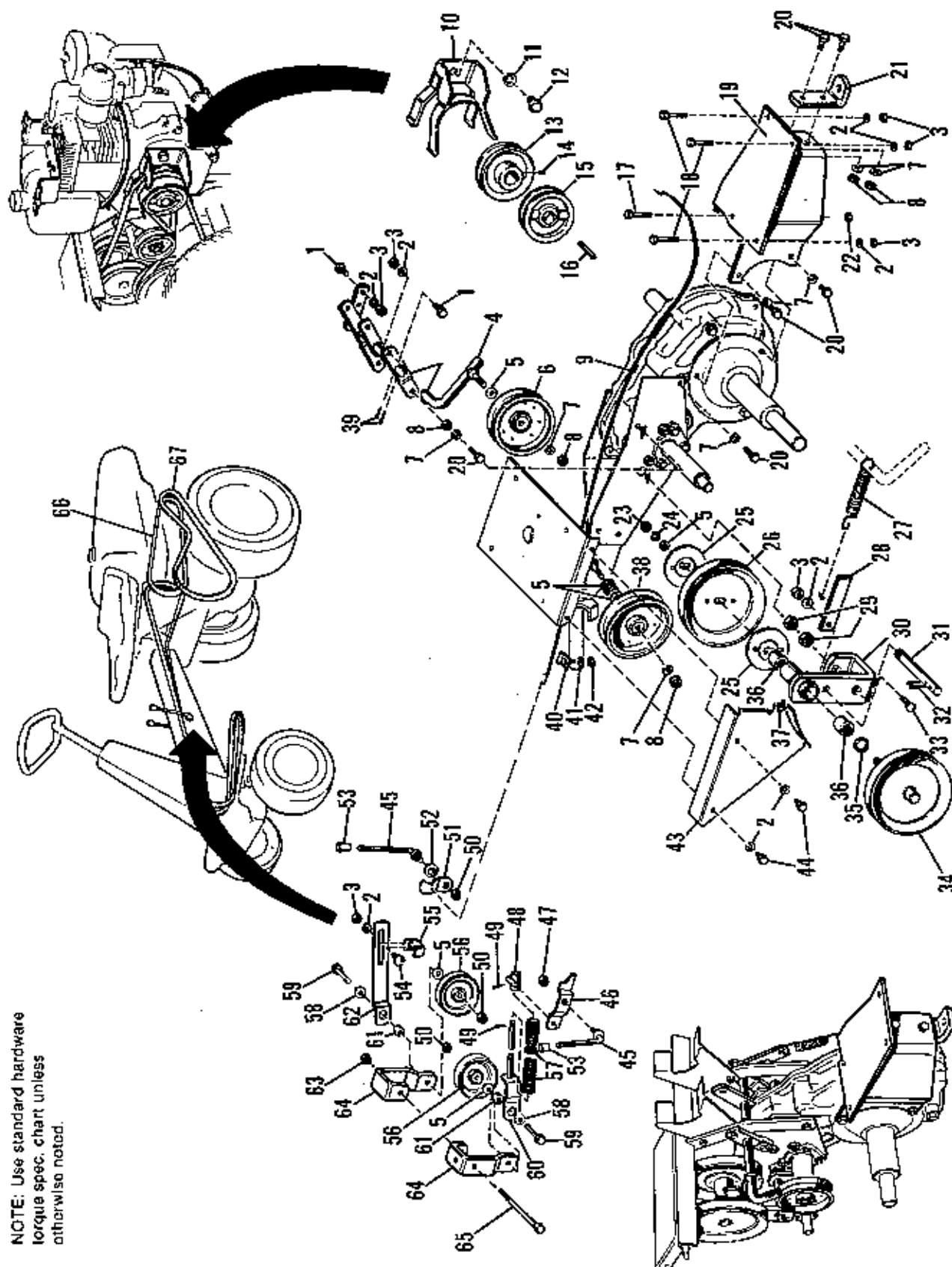


NOTE: Use standard hardware torque spec. charl unless otherwise noted.

Ref. No.	Part No.	Qty.	Description
1	8221042	1	KEY
*2	103093	1	PULLEY, Engine
**3	118331	1	PULLEY, Engine
4	930651	3	LOCKNUT, Hex, 3/8-16
5	154534	2	PULLEY, Idler
**6	158389	2	BELT, V (Qty. 1 used on 990357 Only)
7	158390	1	PULLEY & SHAFT ASSY.
8	918447	2	PIN, Cotter, 3/32 x 3/4
9	158406	1	GUIDE ASSY., Rod
10	918452	3	PIN, Cotter, 1/8 x 1
11	923362	4	LOCKNUT, Hex, 5/16-18
12	158437	1	KNOB
13	158408	1	HANDLE ASSY., PTO Control
14	928804	1	SETSCREW, 1/4-20 x 3/8
15	8191022	1	COLLAR, Set
16	8191045	1	SPRING
17	158405	1	ROD, Clutch, PTO
18	158399	2	RING, Retaining
19	158398	1	SPACER
20	158397	1	SHAFT, Pivot
21	119018	1	WASHER
22	158461	1	LEVER ASSY., Idler
23	108054	2	BEARING, Needle
24	158393	1	HOUSING ASSY.
25	158378	4	WASHER, Special
26	158400	1	PULLEY, Mower Drive
*27	158477	1	ROD, Clutch
**28	158497	1	ROD, Clutch
*29	158386	1	PEDAL ASSY., Foot
**30	158494	1	PEDAL ASSY., Foot
31	158476	1	CLIP
32	917642	4	WASHER, Plain, 5/16
33	918965	2	LOCKWASHER, 3/8
34	916950	2	NUT, Hex, Full, 3/8-16
35	158385	1	SPRING, Clutch Rod
36	158396	1	RING, Retaining
37	922249	2	BOLT, Carriage, 3/8-16 x 1
38	915019	1	FITTING, Grease
39	156302	2	SPRING (Qty. 1 used on 990391 Only)
**40	154368	1	SPRING
41	916622	1	NUT, Hex, Full, 1/4-20
42	916964	1	LOCKWASHER, 1/4
43	928745	1	CAPSCREW, Hex Hd., 1/4-20 x 1-1/4
44	158303	2	GUIDE ASSY., Rod (Qty. 1 used on 990391 Only)
**45	164094	1	GUIDE ASSY., Rod
46	918430	1	WASHER, Plain, 7/16
47	917372	3	NUT, Hex, Full, 5/16-18 (Qty. 2 used on 990357 Only)
48	158383	1	ROD, Brake
49	158382	1	LEVER
50	158463	1	ARM ASSY., Idler Pulley
51	158377	1	PULLEY, Transmission
*52	158460	1	BELT, V
*53	930543	1	SETSCREW, 5/16-18 x 1/2
**54	928691	2	SETSCREW, 5/16-18 x 5/16
**55	158499	1	STOP, Belt
56	923325	1	CAPSCREW, Hex Hd., 5/16-18 x 7/8
**57	8021014	1	STOP, Belt
**58	917356	1	LOCKWASHER, 5/16
**59	158498	1	PULLEY, Halt
60	158388	1	SPACER

*Used on Mfg. No. 990357.

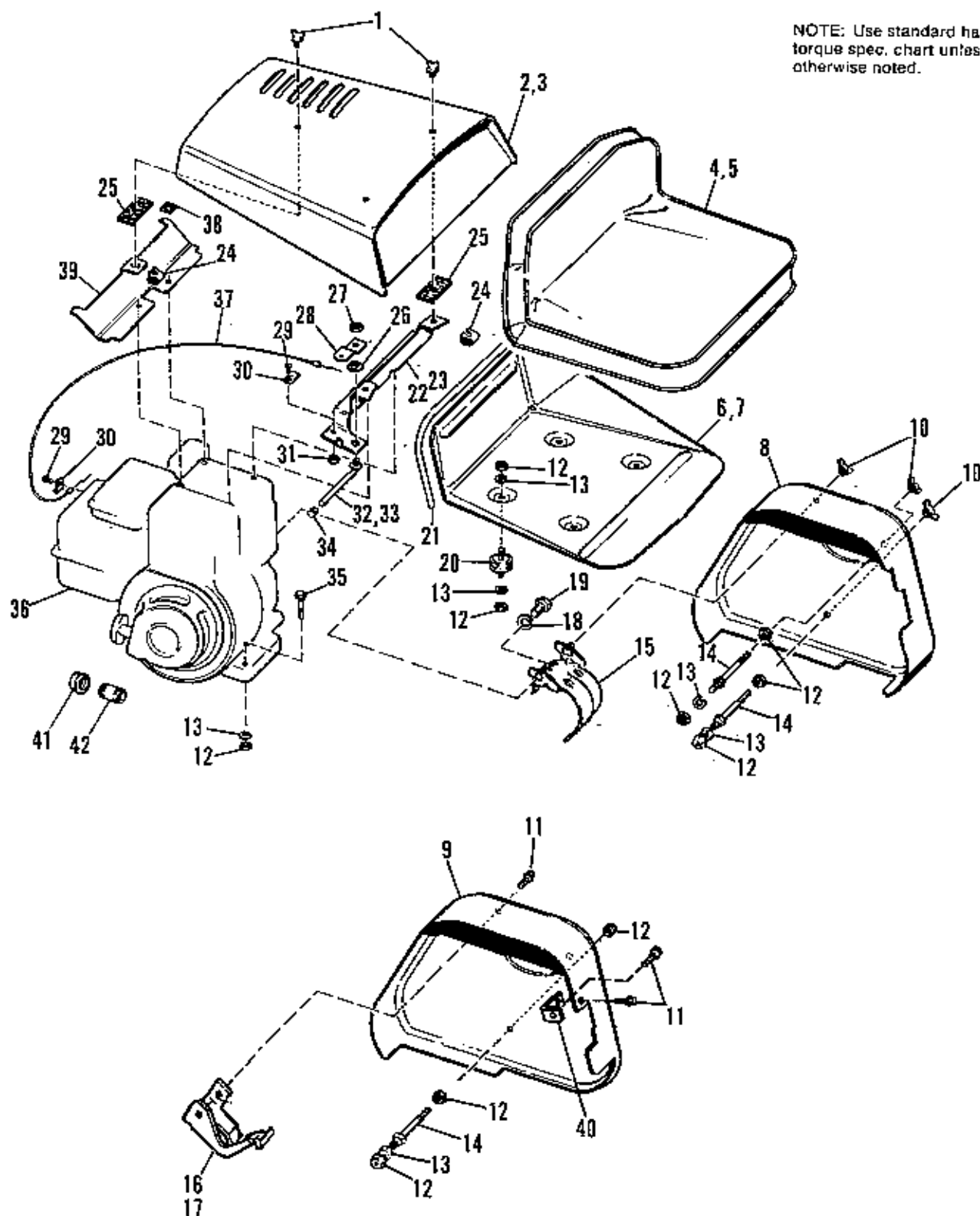
**Used on Mfg. No. 990391.



NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.

Ref. No.	Part No.	Qty.	Description
1	921333	2	CAPSCREW, Hex Hd., 5/16-18 x 1
2	917356	9	LOCKWASHER, 5/16
3	917372	9	NUT, Hex, Full, 5/16-18
4	159120	1	SHAFT ASSY., Idler
5	917378	6	WASHER, Plain, 3/8
6	108386	1	PULLEY, Idler
7	916965	8	LOCKWASHER, 3/8
8	916950	5	NUT, Hex, Full, 3/8-16
9	159179	1	CABLE & WIRE ASSY.
10	159079	1	GUARD ASSY., Ball
11	909589	1	LOCKWASHER, Int., 1/2
12	924086	1	CAPSCREW, Hex Hd., 1/2-20 x 3/4
13	159128	1	PULLEY, Engine
14	930543	1	SETSCREW, 5/16-18 x 1/2
15	121224	1	PULLEY, Engine
16	159129	1	KEY
17	921221	1	CAPSCREW, Hex Hd., 5/16-18 x 1-1/2
18	922127	3	CAPSCREW, Hex Hd., 5/16-18 x 1-3/4
19	159033	1	SUPPORT ASSY., Engine
20	921966	6	CAPSCREW, Hex Hd., 3/8-16 x 7/8
21	159077	1	HITCH, Draw Bar
22	927577	1	NUT, Whizlock, 5/16-18
23	918213	1	NUT, Hex, Full, 7/16-14
24	918199	1	LOCKWASHER, 7/16
25	158196	2	WASHER, Special
26	158195	1	PULLEY
27	159133	1	SPRING
28	159122	1	STOP, Pulley
29	916935	2	LOCKNUT, Jam, 5/8-11
30	103177	1	ARM & HOUSING ASSY., W/Bearing
31	159117	1	PIN, Pivot
32	918453	2	PIN, Cotter, 1/8 x 1-1/4
33	921926	1	BOLT, Carriage, 5/16-18 x 1-1/4
34	159115	1	SHAFT ASSY., P.T.O. Pulley
35	8061012	1	WASHER
36	154258	2	BEARING, Needle
37	912808	1	FITTING, Grease
38	159066	1	PULLEY, Idler
39	918452	2	PIN, Cotter, 1/8 x 1
40	159102	1	CLAMP ASSY., Cable
41	916964	1	LOCKWASHER, 1/4
42	923358	1	NUT, Hex, Full, 1/4-20
43	159078	1	GUARD, Pulley
44	922118	2	CAPSCREW, Hex Hd., 5/16-18 x 3/8
45	158186	2	HANDLE, Clutch Control
46	159073	1	LEVER, Belt Tightener
47	928352	1	NUT, Hex, Whizlock, 3/8-16
48	159072	1	SOCKET ASSY., Rod
49	922000	2	PIN, Cotter, 3/32 x 5/8
50	930651	3	LOCKNUT, Hex, 3/8-16
51	159100	1	ARM, Throttle
52	159107	1	WASHER
53	159112	2	KNOB
54	923346	1	BOLT, Carriage, 5/16-18 x 3/4
55	159162	1	BRACKET
56	101096	2	PULLEY, Idler
57	8191045	2	SPRING
58	917642	2	WASHER, Plain, 5/16
59	921969	2	CAPSCREW, Hex Hd., 3/8-16 x 1-1/2
60	159069	1	ROD ASSY., Belt Tightener
61	105184	2	SPACER
62	159067	1	TIGHTENER, Belt, H.H.
63	928731	1	LOCKNUT, Jam, 3/8-16
64	159068	2	ARM, Pivot
65	920156	1	CAPSCREW, Hex Hd., 3/8-16 x 5
66	108099	1	BELT, V
67	108248	1	BELT, V

NOTE: Use standard hardware torque spec. chart unless otherwise noted.

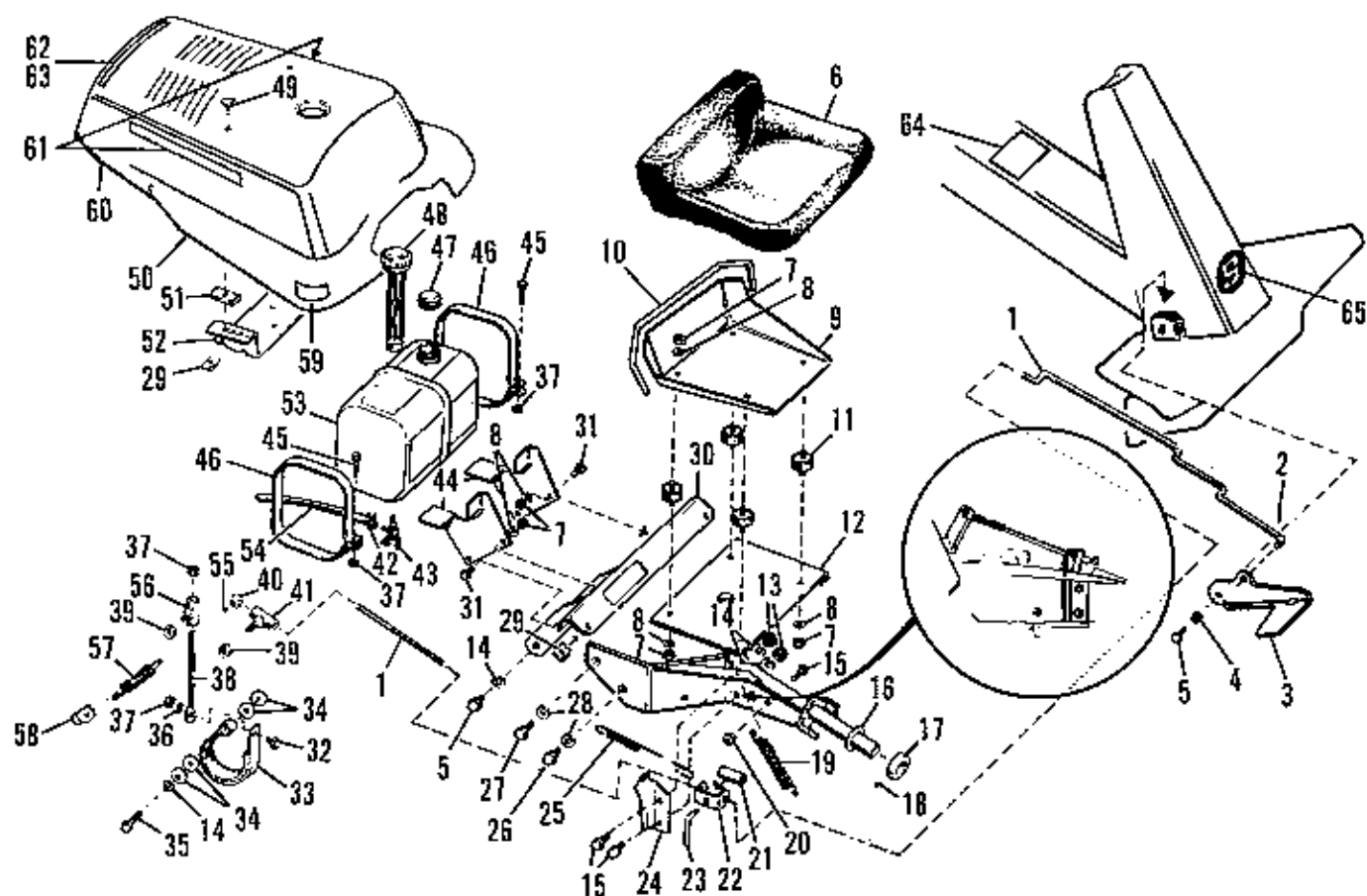


Ref. No.	Part No.	Qty.	Description
1	928693	3	SCREW, Thumb, 5/16-18 x 3/4
**2	158419	1	HOOD ASSY.
*3	158515	1	HOOD ASSY.
**4	158207	1	PAD, Seat
*5	162094		PAD, Seat
**6	158153	1	PANEL, Seat
*7	165066	1	PANEL, Seat
**8	158416	1	GUARD, Pulley
*9	158577	1	GUARD, Pulley
**10	918468	3	NUT, Wing, 5/16-18
*11	924856	3	SCREW, Taprite, 5/16-18 x 1/2
12	917372	15	NUT, Hex, Full, 5/16-18
13	917356	14	LOCKWASHER, 5/16 (Qty. 13 used on 990554, 990614, 990774, 990775)
14	158418	2	STUD (Qty. 1 on 990554, 990614, 990774, 990775)
**15	158480	1	STOP ASSY., Belt
16	158527	1	STOP ASSY., Belt (Used on 990554 & 990774)
17	170165	1	STOP, Belt (Used on 990614 Only)
18	909589	1	LOCKWASHER, 1/2
19	924086	1	CAPSCREW, Hex Hd., 1/2-20 x 3/4
20	159085	4	CONNECTOR, Cushion
21	159177	1	TAPE, 2 IL.
**22	158423	1	SUPPORT, Hood, Front
23	174748	1	SUPPORT, Hood, Front (Used on 990774, 990775)
24	928701	3	NUT, Retainer
25	121399	3	FELT
26	159107	1	WASHER, Throttle
27	930651	1	LOCKNUT, Hex, 3/8-16
28	158424	1	ARM, Throttle
29	922121	2	SCREW, Machine, Rd. Hd., #10-32 x 3/8
30	158475	2	CLIP
31	917415	1	NUT, Hex, Full, #10-32
**32	158186	1	HANDLE, Throttle Control
*33	158587	1	HANDLE, Throttle Control
34	159112	1	KNOB
35	921221	4	CAPSCREW, Hex Hd., 5/16-18 x 1-1/2
36		1	ENGINE
37	158425	1	CABLE & WIRE ASSY.
38	158450	2	GASKET, Felt
39	158449	1	SUPPORT, Hood, Rear
*40	158611	1	BRACKET, Pulley Guard
*41	901751	1	CAP, Pipe, Nipple
*42	158610	1	NIPPLE, Pipe

*Used on Mfg. No. 990554, 990614, 990774 & 990775.

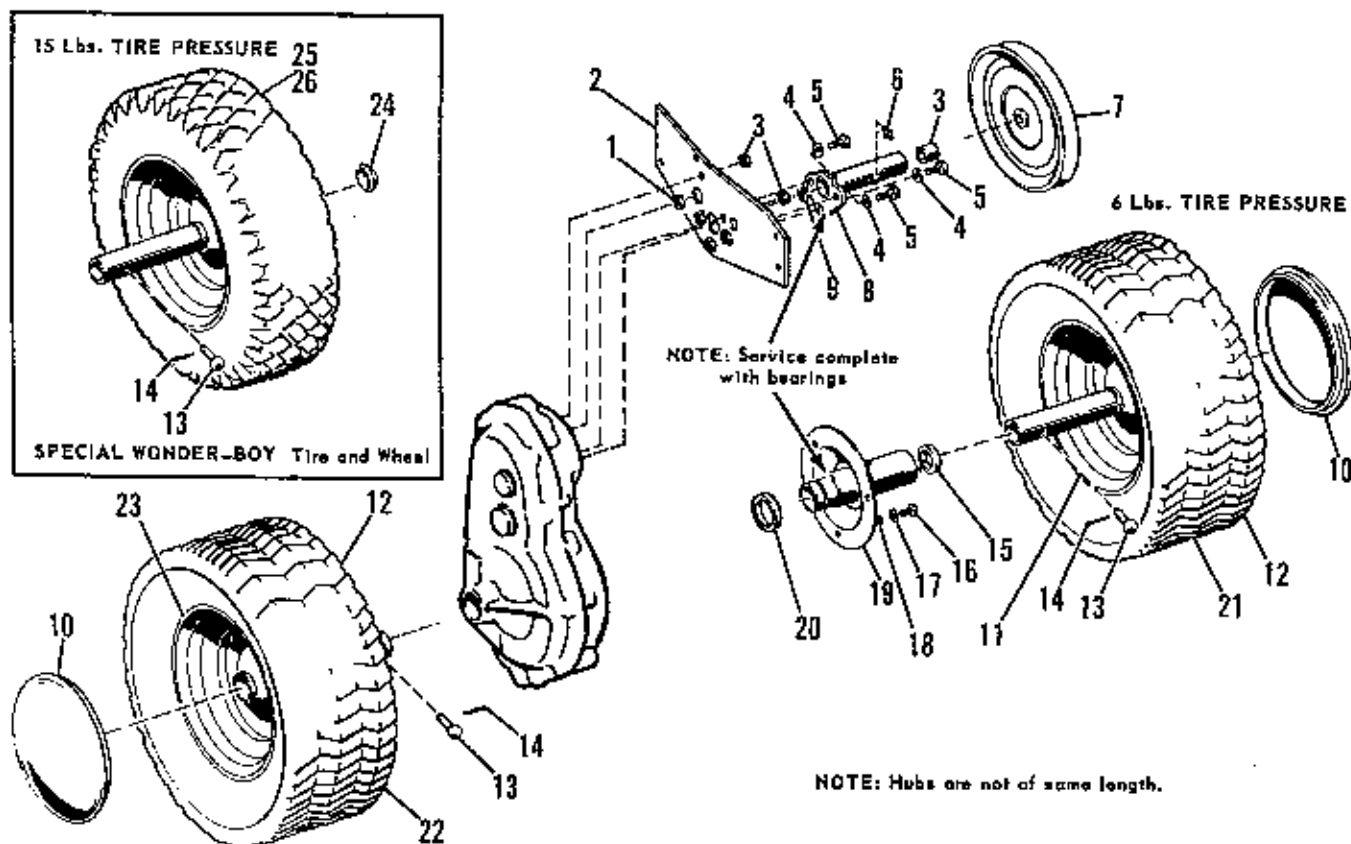
**Used on Mfg. No. 990357 & 990391.

***Used on Mfg. No. 990357, 990391, 990554 & 990614.



NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.

Ref. No.	Part No.	Qty.	Description
1	159060	1	ROD, Foot Pedal
2	922000	1	PIN, Cotter, 3/32 x 5/8
3	159061	1	PEDAL, Foot
4	930651	1	LOCKNUT, Hex, 3/8-16
5	921966	2	CAPSCREW, Hex Hd., 3/8-16 x 7/8
6	158207	1	PAD, Seat
7	917372	10	NUT, Hex, Full, 5/16-18
8	917356	10	LOCKWASHER, 5/16
9	158153	1	PANEL, Seat
10	159177	1	TAPE, 2 ft.
11	159085	4	CONNECTOR, Cushion
12	159086	1	SUPPORT ASSY.
13	916950	2	NUT, Hex, Full, 3/8-16
14	916965	4	LOCKWASHER, 3/8
15	922605	3	CAPSCREW, Hex Hd., 3/8-16 x 1-1/4
16	168055	1	WASHER
17	8021028	1	COLLAR, Set
18	930544	1	SETSCREW, 5/16-18 x 3/8
19	159106	1	SPRING
20	928731	1	LOCKNUT, Jam, 3/8-16
21	157287	1	SPACER
22	157277	1	BRACKET ASSY.
23	157088	1	LOCK, Parking Brake
24	159180	1	BRACE, Brake
25	159181	1	SPRING
26	916212	1	CAPSCREW, Hex Hd., 7/16-14 x 1
27	916432	1	CAPSCREW, Hex Hd., 7/16-14 x 1-1/4
28	916199	2	LOCKWASHER, 7/16
29	930655	3	NUT, Speed, 5/16-18
30	159038	1	SUPPORT ASSY., Hood
31	921332	4	CAPSCREW, Hex Hd., 5/16-18 x 3/4
32	922129	1	CAPSCREW, Hex Hd., 1/4-20 x 1/2
33	156134	1	BAND ASSY., Brake
34	917642	4	WASHER, Plain, 5/16
35	921969	1	CAPSCREW, Hex Hd., 3/8-16 x 1-1/2
36	916964	1	LOCKWASHER, 1/4
37	916622	3	NUT, Hex, Full, 1/4-20
38	159059	1	ROD, Brake
39	923362	2	LOCKNUT, Hex, 5/16-18
40	8191022	1	COLLAR, Set
41	156303	1	GUIDE ASSY., Rod
42	154372	2	CLAMP, Hose
43	156176	1	VALVE, Shut Off
44	159083	2	SUPPORT, Fuel Tank
45	919316	2	CAPSCREW, Hex Hd., 1/4-20 x 1-3/4
46	157002	2	STRAP, Tank
47	154416	1	CAP, Fuel Tank
48	159135	1	CAP, Fuel Tank
49	928693	2	SCREW, Thumb
50	159074	1	HOOD
51	121399	2	GASKET, Felt
52	159075	1	BRACKET, Hood
53	159082	1	TANK, Fuel
54	156177	1	HOSE, Fuel
55	928804	1	SETSCREW, 1/4-20 x 3/8
56	164094	1	GUIDE ASSY., Rod
57	156302	1	SPRING
58	154119	1	CLIP, Spring
59	159127	1	DECAL
60	159163	1	TAPE
61	159184	2	DECAL
62	159186	1	DECAL, W.B. Special
63	159185	1	DECAL, W.B. Super
64	159130	1	DECAL
65	165098	1	DECAL

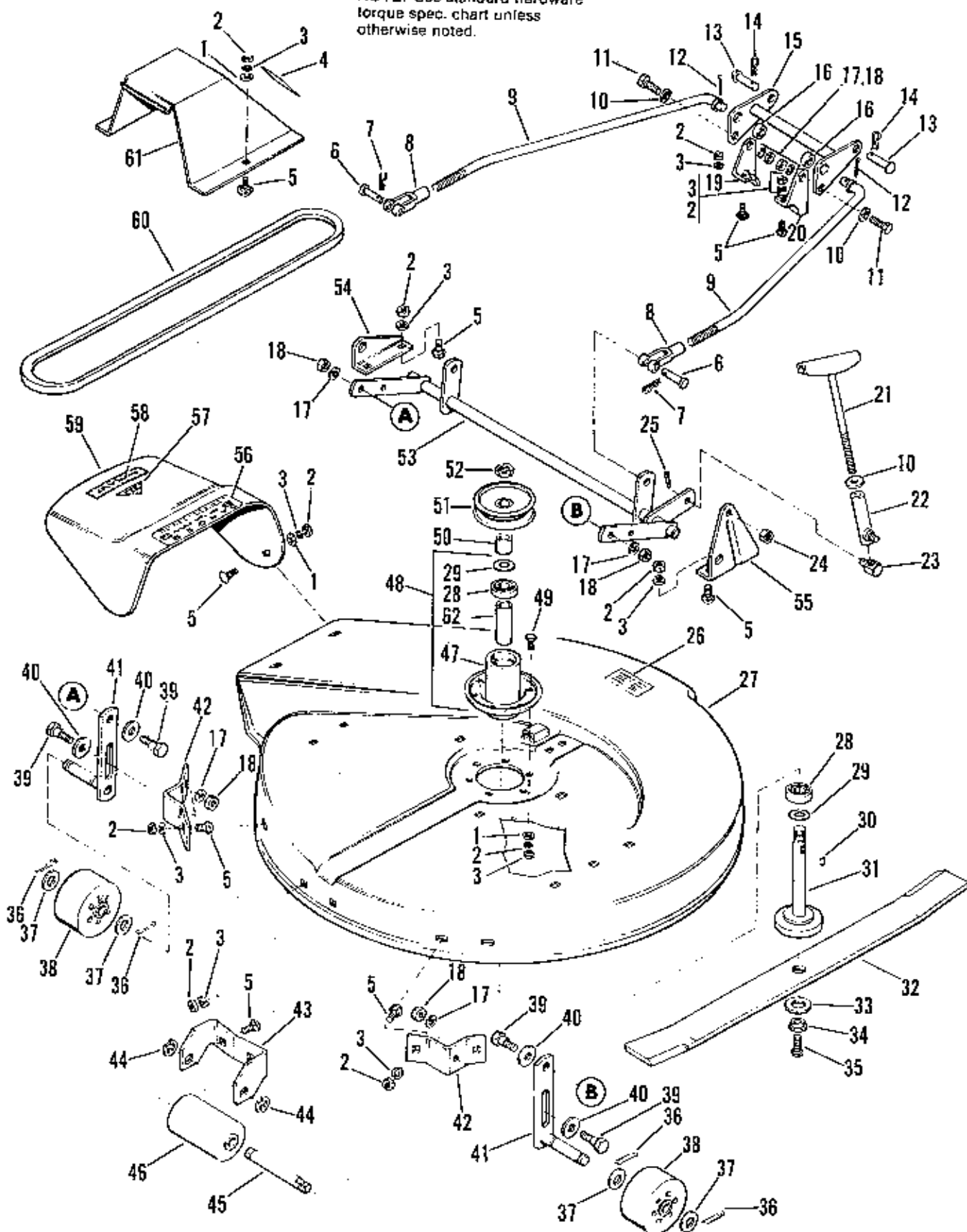


Ref. No.	Part No.	Qty.	Description
1	918213	1	NUT, Hex, Full, 7/16-14
2	159036	1	PLATE ASSY., Side, L.H.
3	159123	3	BEARING
4	917355	3	LOCKWASHER, 5/16
5	919319	3	CAPSCREW, Hex Hd., 5/16-18 x 7/8
6	912808	1	FITTING, Grease, #1641
7	156119	1	PULLEY, Transmission
8	103178	1	TUBE ASSY., W/Bearing
9	159124	1	SEAL, Grease
10	156211	2	CAP, Hub
11	173025	1	WHEEL ASSY., R.H.
12	157490	2	TIRE, Tubeless
13	118053	2	PIN
14	918451	2	PIN, Cotter, 1/8 x 3/4
15	118118	1	SEAL, Oil
16	921966	3	CAPSCREW, Hex Hd., 3/8-16 x 7/8
17	916965	3	LOCKWASHER, 3/8
18	917378	3	WASHER, Plain, 3/8
19	103170	1	HOUSING ASSY., Axle W/Bearings
20	156099	1	SEAL, Oil
*21	159096	1	WHEEL & TIRE ASSY., Rear, L.H.
**22	159095	1	WHEEL & TIRE ASSY., Rear, R.H.
23	159154	1	WHEEL ASSY., L.H.
24	121342	2	BUTTON, Plug
*25	159144	1	WHEEL & TIRE ASSY., R.H.
*26	159142	1	WHEEL & TIRE ASSY., L.H.

*Used On Mfg. No. 990332.

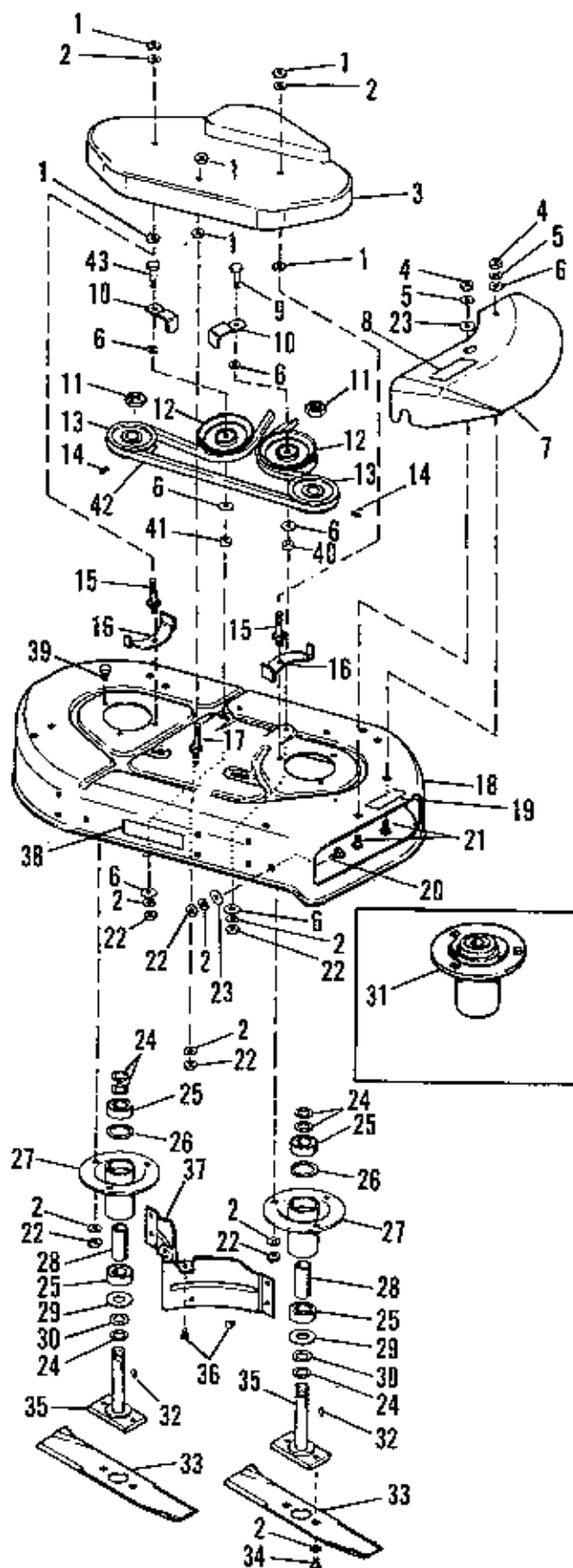
**Used on Mfg. No. 990329.

NOTE: Use standard hardware torque spec. chart unless otherwise noted.



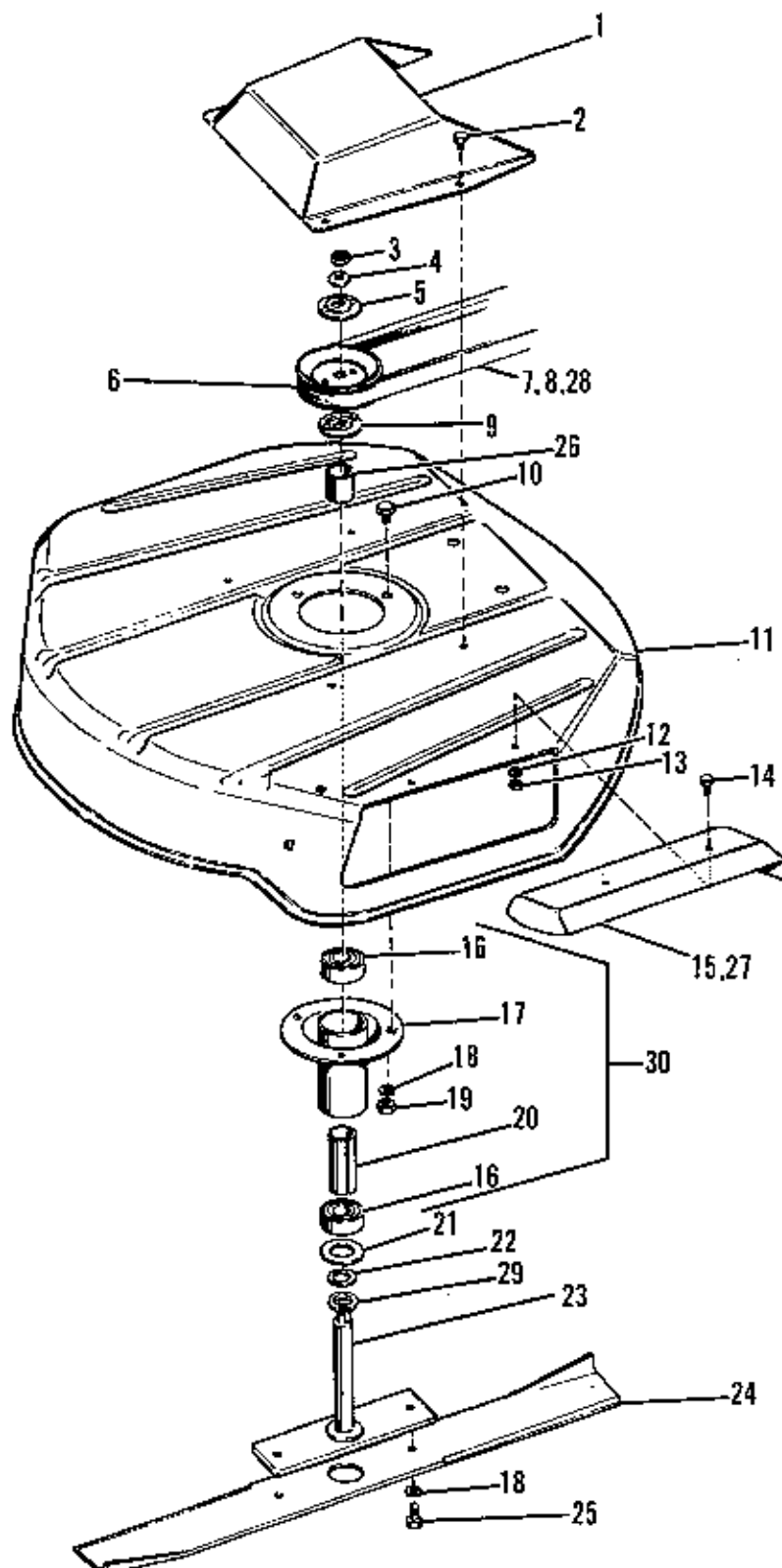
Ref. No.	Part No.	Qty.	Description
1	917642	11	WASHER, Plain, 5/16
2	917372	25	NUT, Hex, Full, 5/16-18
3	917358	25	LOCKWASHER, 5/16
4	108405	1	DECAL, S
5	930685	19	BOLT, Carriage, 5/16-18 x 5/8
6	154305	2	PIN, Yoke
7	918196	2	PIN, Quick
8	154304	2	YOKE
9	174814	2	ROD, Adjusting
10	917378	3	WASHER, Plain, 3/8
11	921960	2	CAPSCREW, Hex Hd., 3/8-16 x 1-1/2
12	918452	2	PIN, Cotter, 1/8 x 1
13	118053	2	PIN
14	106788	2	CLIP, Hair Pin
15	174863	1	BELLCRANK ASSY.
16	1602228	2	SPACER
17	916965	6	LOCKWASHER, 3/8
18	916950	6	NUT, Hex, Full, 3/8-16
19	1603145	1	ANCHOR, Housing, L.H.
20	1603146	1	ANCHOR, Housing, R.H.
21	108415	1	SCREW ASSY., Adjusting
22	108287	1	SOCKET ASSY., Crank
23	108512	1	PIVOT
24	930651	1	LOCKNUT, Hex, 3/8-16
25	922000	1	PIN, Cotter, 3/32 x 5/8
26	1601918	1	TRANSFER, Patent
27	1602181	1	HOUSING, 26"
28	108202	2	BEARING, Ball
29	108472	2	WASHER
30	918312	1	KEY, Woodruff, #61
31	174603	1	ARBOR ASSY.
32	1607534	1	BLADE, 26"
33	1605746	1	WASHER, Belleville
34	1605745	1	WASHER, Shoulder
35	1605933	1	CAPSCREW, Hex Hd., 1/2-20 x 1 L.H. Thd.
36	918458	4	PIN, Cotter, 3/16 x 1
37	919387	4	WASHER, Plain, 5/8
38	1655098	2	ROLLER ASSY.
39	172622	4	BOLT, Shoulder
40	918430	4	WASHER, Plain, 7/16
41	1607603	2	SUPPORT ASSY., Roller
42	1602211	2	BRACKET, Roller Support
43	1603204	1	BRACKET
44	1602155	2	RING, Retaining
45	1603205	1	SHAFT, Center Roller
46	108431	1	ROLLER ASSY.
47	1608664	1	TUBE ASSY., Arbor
48	1608705	1	TUBE ASSY., Arbor W/Bearings
49	921332	6	CAPSCREW, Hex Hd., 5/16-18 x 3/4
50	1653481	1	SPACER
51	174910	1	PULLEY, Mower
52	922133	1	LOCKNUT, Jam, 3/4-16
53	174810	1	ARM ASSY.
54	1602193	1	BRACKET, Pivot, L.H.
55	174714	1	BRACKET, Pivot, R.H.
56	176151	1	FILM, Safety
57	176700	1	DECAL, Safety
58	103031	1	DECAL, Safety
59	174820	1	DEFLECTOR
60	174911	1	BELT, V
61	174869	1	COVER, Belt
62	1602265	1	SPACER

NOTE: Use standard hardware torque spec. chart unless otherwise noted.



Ref. No.	Part No.	Qty.	Description
1	930651	6	LOCKNUT, Hex, 3/8-16
2	916965	15	LOCKWASHER, 3/8
3	170160	1	COVER, Housing
4	917372	2	NUT, Hex, Full, 5/16-18
5	917356	2	LOCKWASHER, 5/16
6	917642	7	WASHER, Plain, 5/16
7	108504	1	DEFLECTOR
8	103031	1	DECAL, Safety
9	923701	1	CAPSCREW, Hex Hd., 3/8-16 x 2
10	106717	2	GUIDE, Belt
11	922133	3	LOCKNUT, Jam, 3/4-16
12	106716	2	PULLEY, Idler
13	177005	2	PULLEY
14	930544	2	SETSCREW, 5/16-18 x 3/8
15	106771	2	STUD
16	170163	2	GUIDE, Belt
17	108372	1	STUD
18	158614	1	HOUSING, Mower
19	108507	1	FILM, Safety
20	920562	2	BOLT, Carriage, 3/8-16 x 3/4
21	922110	2	BOLT, Carriage, 5/16-18 x 3/4
22	916950	11	NUT, Hex, Full, 3/8-16
23	8161199	2	WASHER, Special
24	108181	6	WASHER
25	108202	4	BEARING, Roller
26	108134	2	RING, Backing
27	108679	2	TUBE ASSY., Arbor
28	108201	2	SPACER
29	108257	2	WASHER
30	108472	2	WASHER
31	108822	1	TUBE ASSY., Arbor W/Bearings
32	918312	2	KEY, Woodruff, #61
33	108298	2	BLADE, Knife
34	922586	4	CAPSCREW, Hex Hd., 3/8-16 x 5/8
35	108250	2	ARBOR ASSY.
36	927428	6	SCREW, Hex, Self Tapping, 1/4-20 x 3/8
37	108531	1	BAFFLE
38	155061	1	DECAL, Simplicity
39	921965	6	CAPSCREW, Hex Hd., 3/8-16 x 3/4
40	159029	1	SPACER
41	158227	1	SPACER
42	170164	1	BELT, V, Drive
43	921971	1	CAPSCREW, Hex Hd., 3/8-16 x 1-3/4

NOTE: Use standard hardware torque spec. chart unless otherwise noted.



Ref. No.	Part No.	Qty.	Description
1	108402	1	GUARD, Bell
2	927428	4	SCREW, Hex, Washer Hd., Tapfit, 1/4-20 x 3/8
3	930651	1	LOCKNUT, Hex, 3/8-16
4	917642	1	WASHER, Plain, 5/16
5	158378	2	WASHER, Special
6	1609004	1	PULLEY
**7	106016	1	BELT, V
*8	108407	1	BELT, V
9	108399	1	SPACER
10	908127	3	CAPSCREW, Hex Hd., 3/8-16 x 3/4
11	108403	1	HOUSING, 24"
12	921880	2	LOCKWASHER, Exl., 1/4
13	916622	2	NUT, Hex, Full, 1/4-20
14	908295	2	CAPSCREW, Hex Hd., 1/4-20 x 1/2
15	108104	1	DEFLECTOR
16	102202	2	BEARING, Ball
17	108203	1	TUBE ASSY., Arbor
18	916965	5	LOCKWASHER, 3/8
19	916950	3	NUT, Hex, Full, 3/8-16
20	108201	1	SPACER
21	108257	1	WASHER
22	108181	1	WASHER
23	108397	1	ARBOR ASSY.
24	108276	1	BLADE, 24"
25	921965	1	CAPSCREW, Hex Hd., 3/8-16 x 3/4
***26	108399	1	SPACER
**27	158619	1	DEFLECTOR
***28	108248	1	BELT, V
***29	108472	1	WASHER
***30	1650533	1	ARBOR ASSY., W/Bearings & Hardware

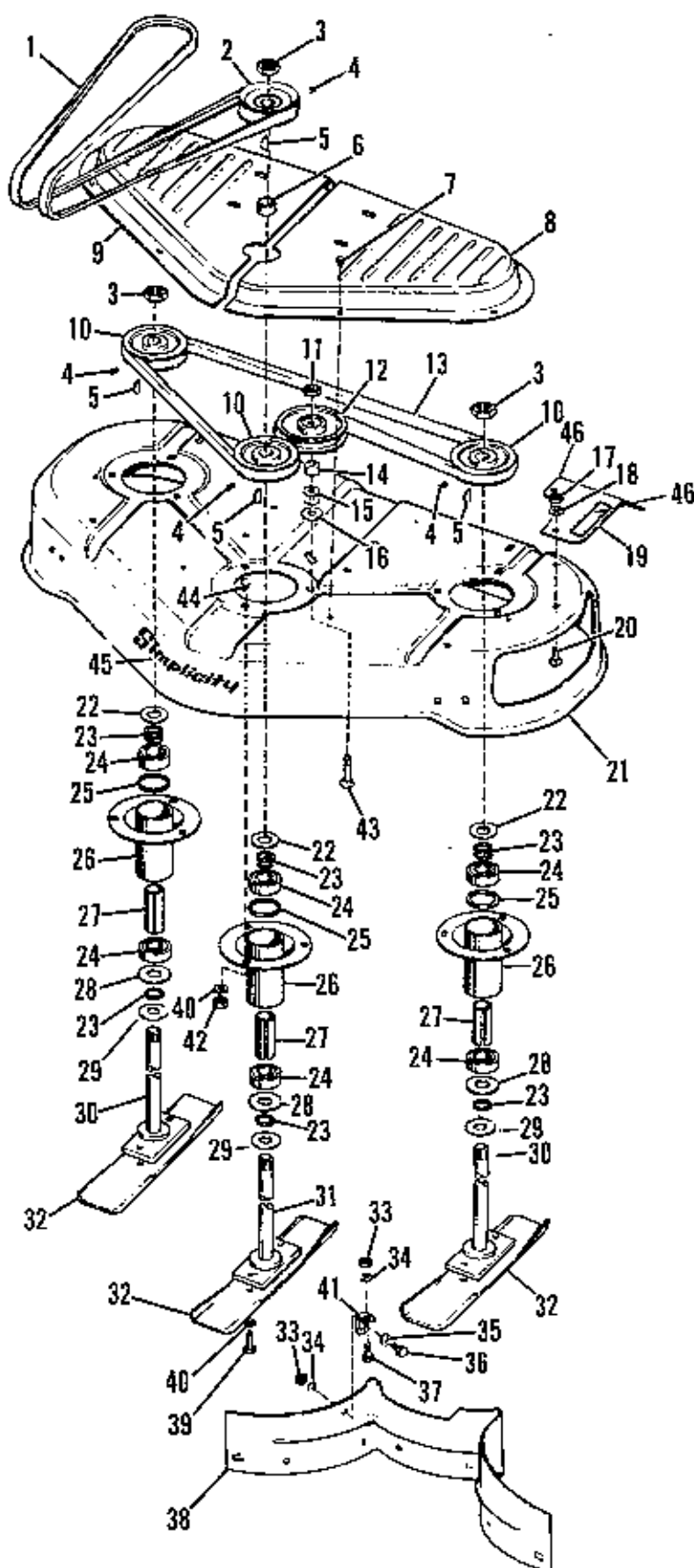
*Used on Mfg. No. 990357.

**Used on Mfg. No. 990391.

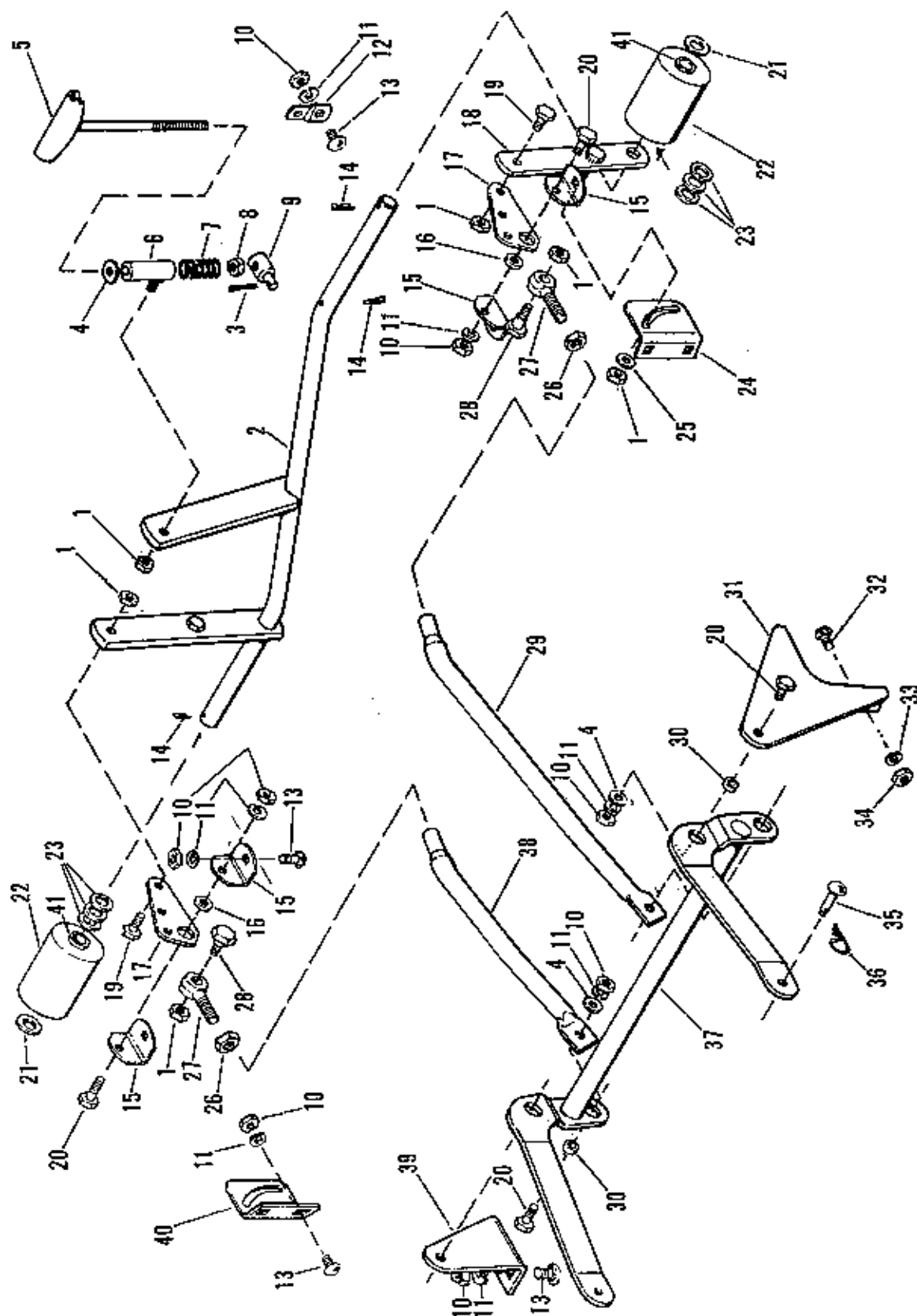
***Used on Mfg. No. 990554.

NOTE: Ref. No. 30 includes Ref. Nos. 16, 17, 18, 19 & 20.

NOTE: Use standard hardware torque spec. chart unless otherwise noted.



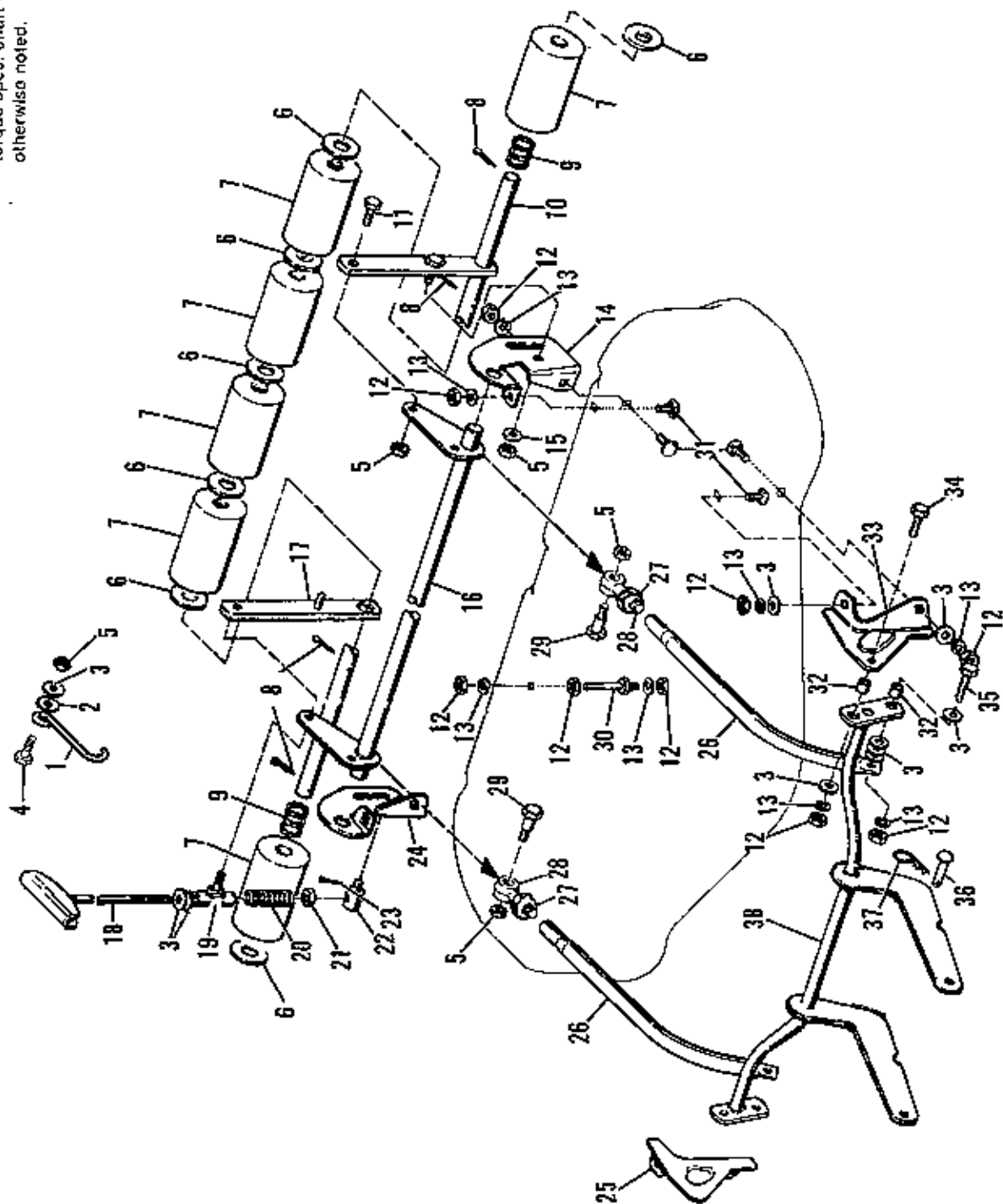
Ref. No.	Part No.	Qty.	Description
1	108389	1	BELT, V, Drive
2	108246	1	PULLEY, Drive
3	922133	3	LOCKNUT, Jam, 3/4-16
4	930544	4	SETSCREW, 5/16-18 x 3/8
5	910224	4	KEY, Woodruff, #6
6	108371	1	SPACER
7	922123	8	SCREW, Hex, Self Tapping, 1/4-20 x 7/8
8	108302	1	COVER, L.H.
9	108301	1	COVER, R.H.
10	177005	3	PULLEY
11	930651	1	LOCKNUT, Hex, 3/8-16
12	108388	1	PULLEY, Idler
13	108151	1	BELT, V
14	157081	1	SPACER
15	917642	1	WASHER, Plain, 5/16
16	918431	1	WASHER, Plain, 1/2
17	917372	2	NUT, Hex, Full, 5/16-18
18	917356	2	LOCKWASHER, 5/16
19	108499	1	DEFLECTOR
20	920562	2	BOLT, Carriage, 5/16-18 x 3/4
21	103295	1	HOUSING, Mower
22	108139	3	FLINGER
23	108181	6	WASHER
24	108202	6	BEARING, Ball
25	108134	3	RING, Backing
26	108679	3	TUBE ASSY., Arbor
27	108201	3	SPACER
28	108257	3	WASHER
29	108472	3	WASHER
30	108250	2	ARBOR ASSY.
31	108369	1	DRIVE ASSY., Arbor
32	108297	3	BLADE
33	916622	9	NUT, Hex, Full, 1/4-20
34	916664	9	LOCKWASHER, 1/4
35	917377	1	WASHER, Plain, 1/4
36	921959	1	CAPSCREW, Hex Hd., 1/4-20 x 5/8
37	922125	9	SCREW, Hex, Self Tapping, 1/4-20 x 7/8
38	108187	1	BAFFLE
39	922586	6	CAPSCREW, Hex Hd., 3/8-16 x 5/8
40	916965	15	LOCKWASHER, 3/8
41	108186	1	CLIP
42	916950	9	NUT, Hex, Full, 3/8-16
43	923420	1	BOLT, Carriage, 3/8-16 x 1-3/4
44	922110	9	BOLT, Carriage, 3/8-16 x 3/4
45	155061	1	DECAL, Simplicity
46	103031	1	DECAL, Safety



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

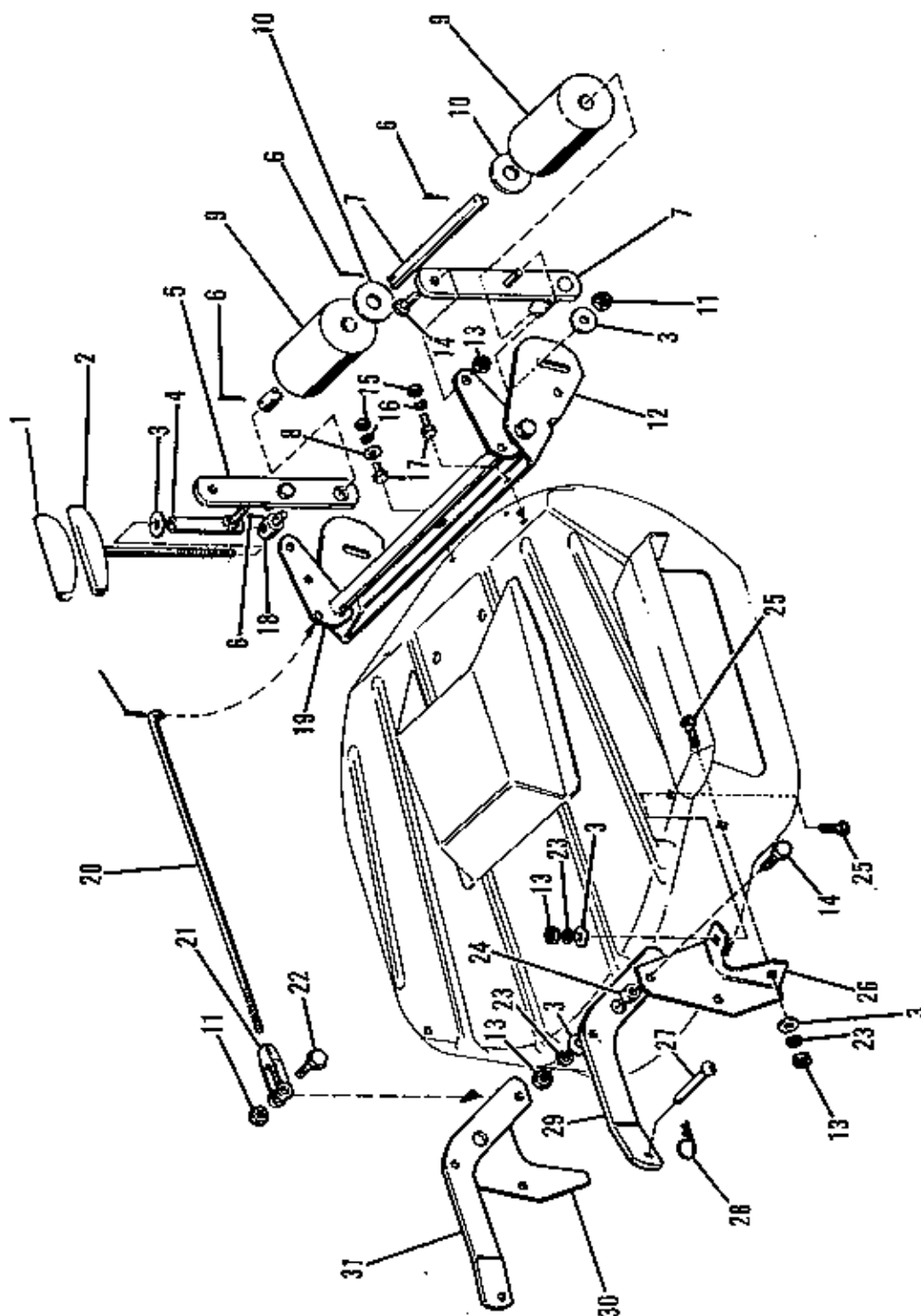
Rel. No.	Part No.	Qty.	Description
1	930651	7	LOCKNUT, Hex, 3/8-16
2	170138	1	ROLLER BAR & SHAFT ASSY.
3	918447	1	PIN, Cotter, 3/32 x 3/4
4	917378	3	WASHER, Plain, 3/8
5	108415	1	SCREW ASSY., Adjusting
6	108166	1	SOCKET ASSY., Crank
7	108360	1	SPRING
8	917421	1	LOCKNUT, Jam, 3/8-16
9	108172	1	PIVOT
10	916950	11	NUT, Hex, Full, 3/8-16
11	916965	11	LOCKWASHER, 3/8
12	108510	1	BRACKET
13	922110	11	BOLT, Carriage, 3/8-16 x 3/4
14	918458	3	PIN, Cotter, 3/16 x 1
15	108513	4	BRACKET, Pivotal
16	108511	2	SPACER
17	108161	2	LEVER, Rear
18	108256	1	BAR ASSY., Roller
19	921966	2	CAPSCREW, Hex Hd., 3/8-16 x 7/8
20	921210	6	CAPSCREW, Hex Hd., 3/8-16 x 1
21	116001	2	WASHER
22	108431	2	ROLLER ASSY.
23	8261055	6	WASHER
24	108516	1	BRACKET, Roller, L.H.
25	917642	1	WASHER, Plain, 5/16
26	919262	2	LOCKNUT, Jam, 1/2-20
27	157215	2	EYEBOLT
28	108412	2	BOLT, Shoulder
29	158615	1	ARM, Adjusting, L.H.
30	121349	4	SPACER
31	158628	1	BRACKET, Front, L.H.
32	920562	1	BOLT, Carriage, 5/16-18 x 3/4
33	917356	1	LOCKWASHER, 5/16
34	917372	1	NUT, Hex, Full, 5/16-18
35	100028	2	PIN
36	918196	2	PIN, Quick
37	158620	1	HITCH ASSY., Mower
38	158623	1	ARM, Adjusting, R.H.
39	158622	1	BRACKET, Front, R.H.
40	108517	1	BRACKET, Roller, R.H.
41	108419	4	BUSHING

NOTE: Use standard hardware torque spec. chart unless otherwise noted.

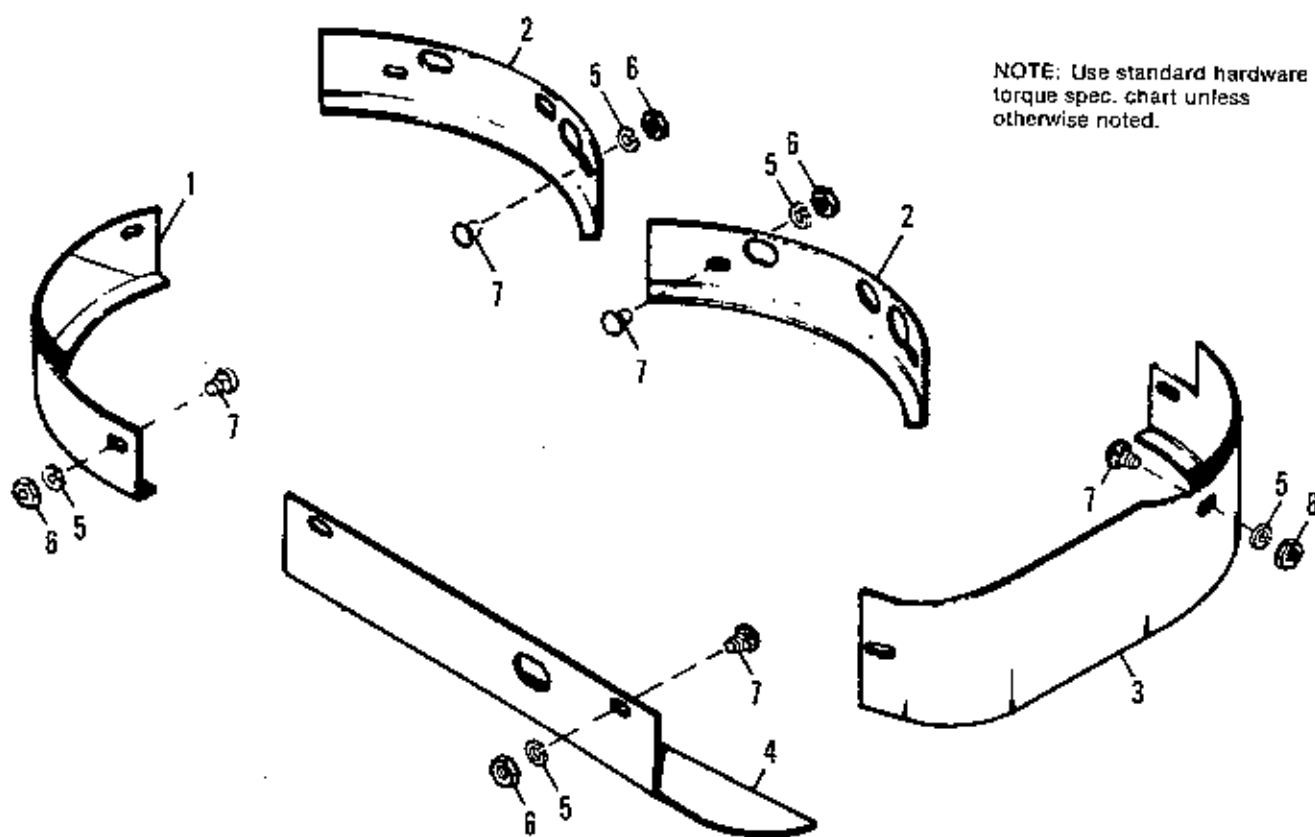


Ref. No.	Part No.	Qty.	Description
1	159111	1	HOOK
2	159134	1	WASHER, Special
3	917378	17	WASHER, Plain, 3/8
4	920415	1	CAPSCREW, Hex Hd., 3/8-16 x 1-1/4
5	930651	6	LOCKNUT, Hex, 3/8-16
6	116001	7	WASHER
7	108431	6	ROLLER ASSY.
8	918458	4	PIN, Cotter, 3/16 x 1
9	8261055	6	WASHER (as required)
10	108254	1	BAR & SHAFT ASSY.
11	921966	1	CAPSCREW, Hex Hd., 3/8-16 x 7/8
12	916950	13	NUT, Hex, Full, 3/8-16
13	916965	13	LOCKWASHER, 3/8
14	108163	1	BRACKET, Roller, L.H.
15	917642	2	WASHER, Plain, 5/16
16	108160	1	LEVER ASSY., Rear
17	108256	1	BAR ASSY., Roller
18	108415	1	SCREW ASSY., Adj.
19	108166	1	SOCKET ASSY., Crank
20	108360	1	SPRING
21	917421	1	LOCKNUT, Jam, 3/8-16
22	108172	1	PIVOT
23	918447	1	PIN, Cotter, 3/32 x 3/4
24	108159	1	BRACKET, Roller, R.H.
25	108376	1	BRACKET, Front, R.H.
26	108411	2	ARM, Adjusting
27	919262	2	LOCKNUT, Jam, 1/2-20
28	157215	2	EYEBOLT
29	108412	2	BOLT, Shoulder
30	108372	1	STUD
31	922110	8	BOLT, Carriage, 3/8-16 x 3/4
32	154177	4	SPACER
33	108377	1	BRACKET, Front, L.H.
34	921210	2	CAPSCREW, Hex Hd., 3/8-16 x 1
35	920415	2	CAPSCREW, Hex Hd., 3/8-16 x 1-1/4
36	156306	2	PIN
37	918196	2	PIN, Quick
38	108387	1	HITCH ASSY., Mower

NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.

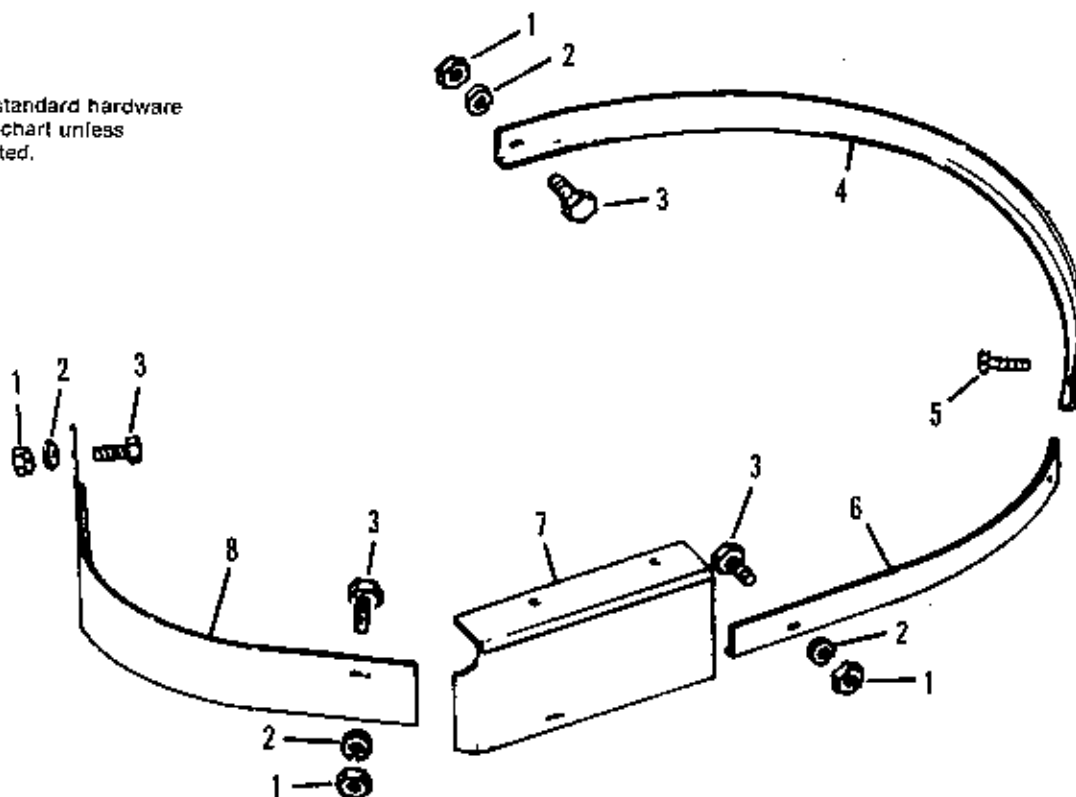


Rel. No.	Part No.	Qty.	Description
1	106516	1	COVER, Handle
2	108415	1	SCREW ASSY., Adjusting
3	917378	7	WASHER, Plain, 3/8
4	108287	1	SOCKET ASSY., Crank
5	108278	1	BAR ASSY., Roller
6	918447	5	PIN, Cotter, 3/32 x 3/4
7	108277	1	ROLLER BAR & SHAFT ASSY.
8	917642	1	WASHER, Plain, 5/16
9	108431	2	ROLLER
10	116001	3	WASHER
11	930651	3	LOCKNUT, Hex, 3/8-16
12	108270	1	BRACKET, Roller
13	916950	6	NUT, Hex, Full, 3/8-16
14	921210	5	CAPSCREW, Hex Hd., 3/8-16 x 1
15	917372	2	NUT, Hex, Full, 5/16-18
16	917356	2	LOCKWASHER, 5/16
17	921332	2	CAPSCREW, Hex Hd., 5/16-18 x 3/4
18	108172	1	PIVOT
19	108283	1	LEVER ASSY., Rear
20	108286	1	ROD, Height Adjusting
21	108157	1	CLEVIS, Adjusting
22	929726	1	CAPSCREW, Hex Hd., 3/8-16 x 1-1/4
23	916965	6	LOCKWASHER, 3/8
24	154177	2	BUSHING
25	922110	4	BOLT, Carriage, 3/8-16 x 3/4
26	108274	1	BRACKET, Front, L.H.
27	100028	2	PIN
28	918196	2	CLIP, Spring
29	108272	1	LEVER, Front, L.H.
30	108273	1	BRACKET, Front, R.H.
31	108271	1	LEVER, Front, R.H.
32			



24" Rotary Mower Leaf Mulcher Group

NOTE: Use standard hardware torque spec. chart unless otherwise noted.



Mfg. No. 990614

28" Rotary Mower Leaf Mulcher Group

Simplicity

2/80

Ref. No.	Part No.	Qty.	Description
1	108541	1	BAFFLE, Front, R.H.
2	108540	2	BAFFLE, Rear, Center
3	108542	1	BAFFLE, L.H.
4	108539	1	BAFFLE, Front, Center
5	917356	5	LOCKWASHER, 5/16
6	917372	5	NUT, Hex, Full, 5/16-18
7	923700	5	BOLT, Carriage, 5/16-18 x 1/2




Mfg. No. 990357, 990391

24" Rotary Mower Leaf Mulcher Group

2/80

Ref. No.	Part No.	Qty.	Description
1	916622	4	NUT, Hex, Full, 1/4-20
2	916964	4	LOCKWASHER, 1/4
3	921958	4	CAPSCREW, Hex Hd., 1/4-20 x 1/2
4	108294	1	BAFFLE, Rear
5	921959	1	CAPSCREW, Hex Hd., 1/4-20 x 5/8
6	108357	1	BAFFLE, Rear, L.H.
7	108296	1	BAFFLE, Side
8	108295	1	BAFFLE, Front

**TORQUE SPECIFICATIONS FOR
STANDARD MACHINE HARDWARE**
TOLERANCE $\pm 10\%$

SIZE	SAE GRADE #2 	SAE GRADE #5 	SAE GRADE #8 
8-32	19 In. Lbs.	30 In. Lbs.	41 In. Lbs.
8-36	20 "	31 "	43 "
10-24	27 "	43 "	60 "
10-32	31 "	49 "	68 "
1/4-20	66 "	8 Ft. Lbs	12 Ft. Lbs.
1/4-28	76 "	10 "	14 "
5/16-18	11 Ft. Lbs	17 "	25 "
5/16-24	12 "	19 "	25 "
3/8-16	20 "	30 "	45 "
3/8-24	23 "	35 "	50 "
7/16-14	30 "	50 "	70 "
7/16-20	35 "	55 "	80 "
1/2-13	50 "	75 "	110 "
1/2-20	55 "	90 "	120 "
9/16-20	65 "	110 "	150 "
9/16-18	75 "	120 "	170 "
5/8-11	90 "	150 "	220 "
5/8-18	100 "	180 "	240 "
3/4-10	160 "	260 "	386 "
3/4-16	180 "	300 "	420 "
7/8-9	140 "	400 "	600 "
7/8-14	155 "	440 "	660 "
1-8	220 "	580 "	900 "
1-12	240 "	640 "	1,000 "

NOTES:

- These torque values are to be used for all Simplicity hardware excluding: locknuts, self-tapping screws, thread forming screws, and sheet metal screws.
- Unless otherwise noted on assembly drawings all torque values must meet this specification.

**BOLT HEAD MARKING
S.A.E. GRADE:**

2 

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8 

